

09/763,216
Replacement Pages for Printing

Attorney Docket No. PC19049A (0059-01)

Certificate of Facsimile (37 C.F.R. § 1.10);

I hereby certify that this correspondence is being
sent via Federal Express

to T. Mills at the United States Patent & Trademark Office
to: 2200 Crystal Drive, Arlington, VA 22202, Room 7A32,
on this 21st day of March 2005.

s/

Julie Agostino

Bonnie Acosta

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:
ANDERSON, BRIAN MARK ET AL.

Serial No.: 09/763,216

Confirmation No.: 3417

Filed: February 20, 2001

For: **NON-PEPTIDE GNRH AGENTS,
METHODS AND INTERMEDIATES
FOR THEIR PREPARATION**

Group Art Unit: 1624

Examiner: HONG LIU

United States Patent & Trademark Office
2200 Crystal Drive
Arlington, VA 22202
ATTN: T. Mills
Room 7A32

AMENDMENT TO THE SPECIFICATION

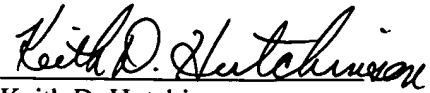
Dear Ms. Mills:

In response to your telephone call of March 15, 2005, please find enclosed amended pages 97 to 341 (which correlates to pages 97 to the end of the specification). If you find any discrepancy in the enclosed pages when compared with the pages to be replaced in the specification, please contact me immediately to resolve the issue.

Thank you for your assistance in advancing this case to issue.

Authorization is hereby provided to charge any fees required under 37 CFR § 1.17, or to credit any overpayment to Deposit Account No. 500329.

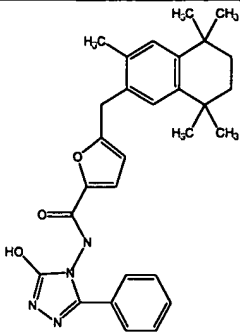
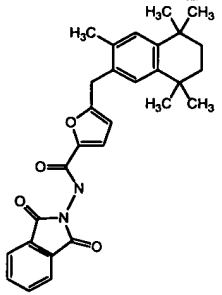
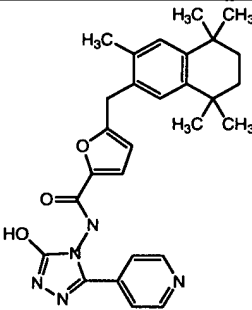
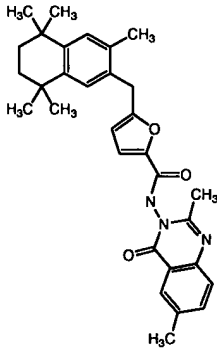
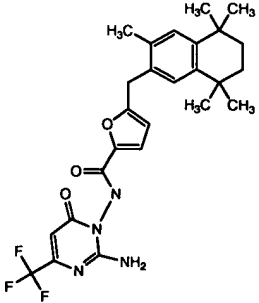
Respectfully submitted,

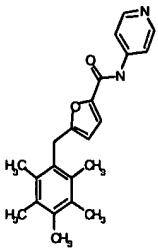
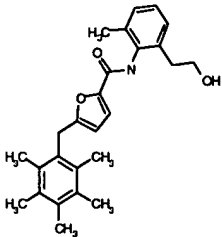
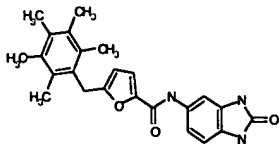
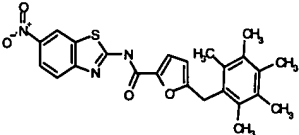
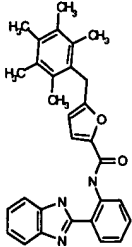
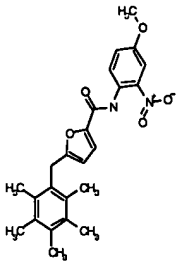
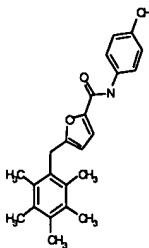
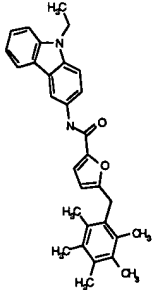
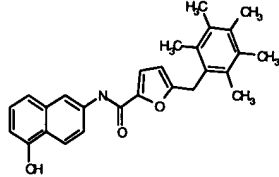
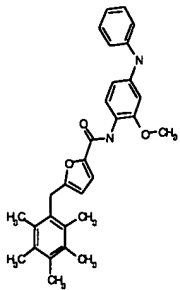
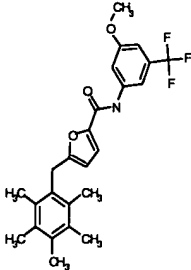
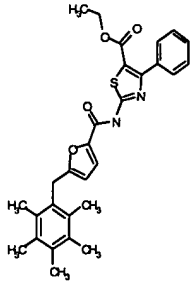
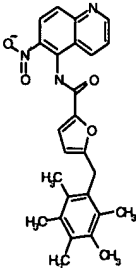
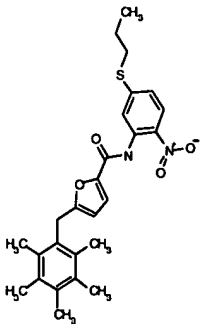
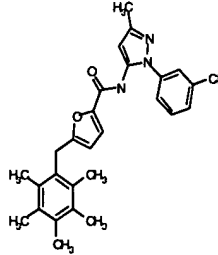
A handwritten signature in cursive script, reading "Keith D. Hutchinson". The signature is written in dark ink and is positioned above the printed name and registration number.

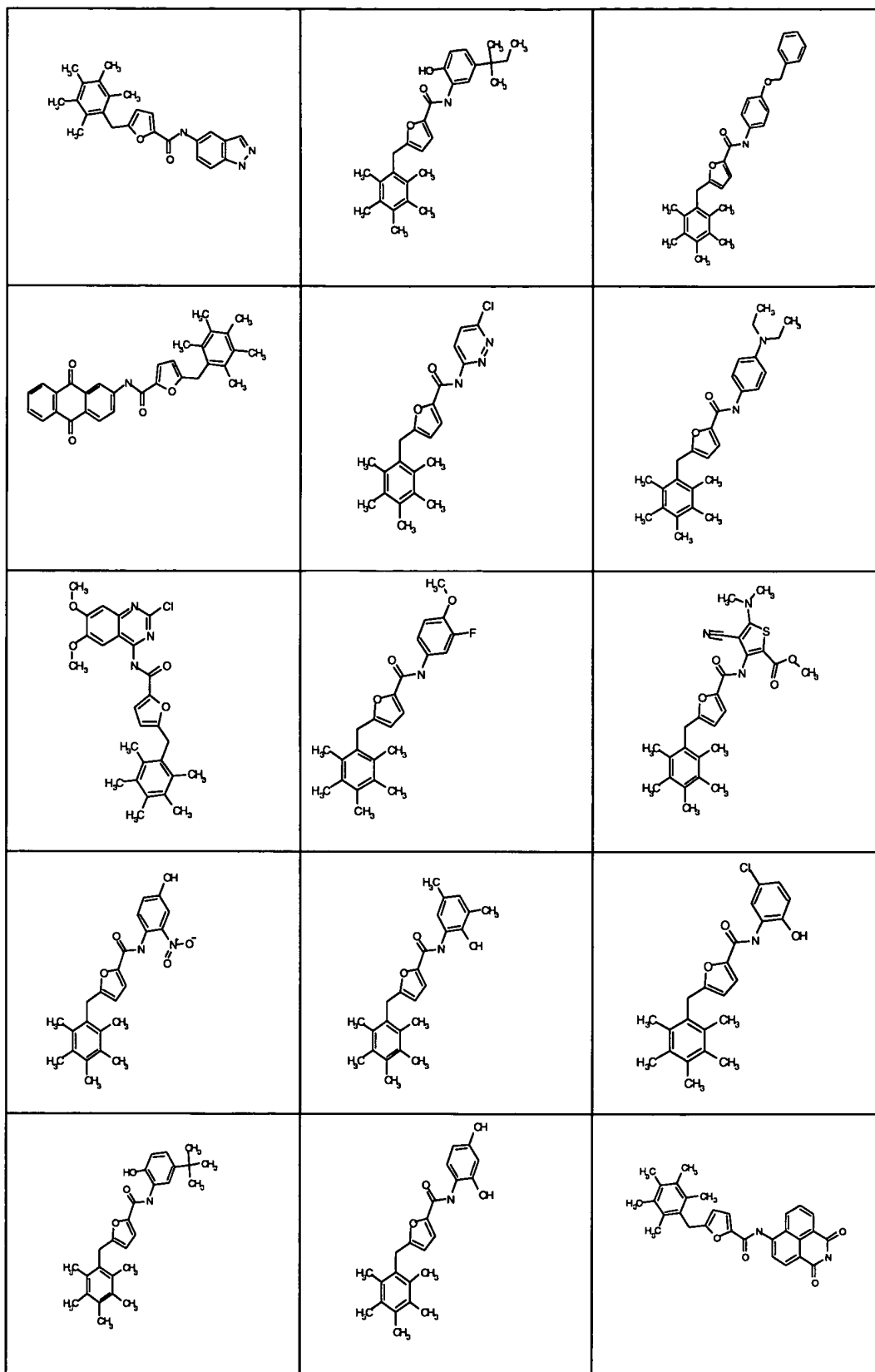
Keith D. Hutchinson
Registration No. 43,687

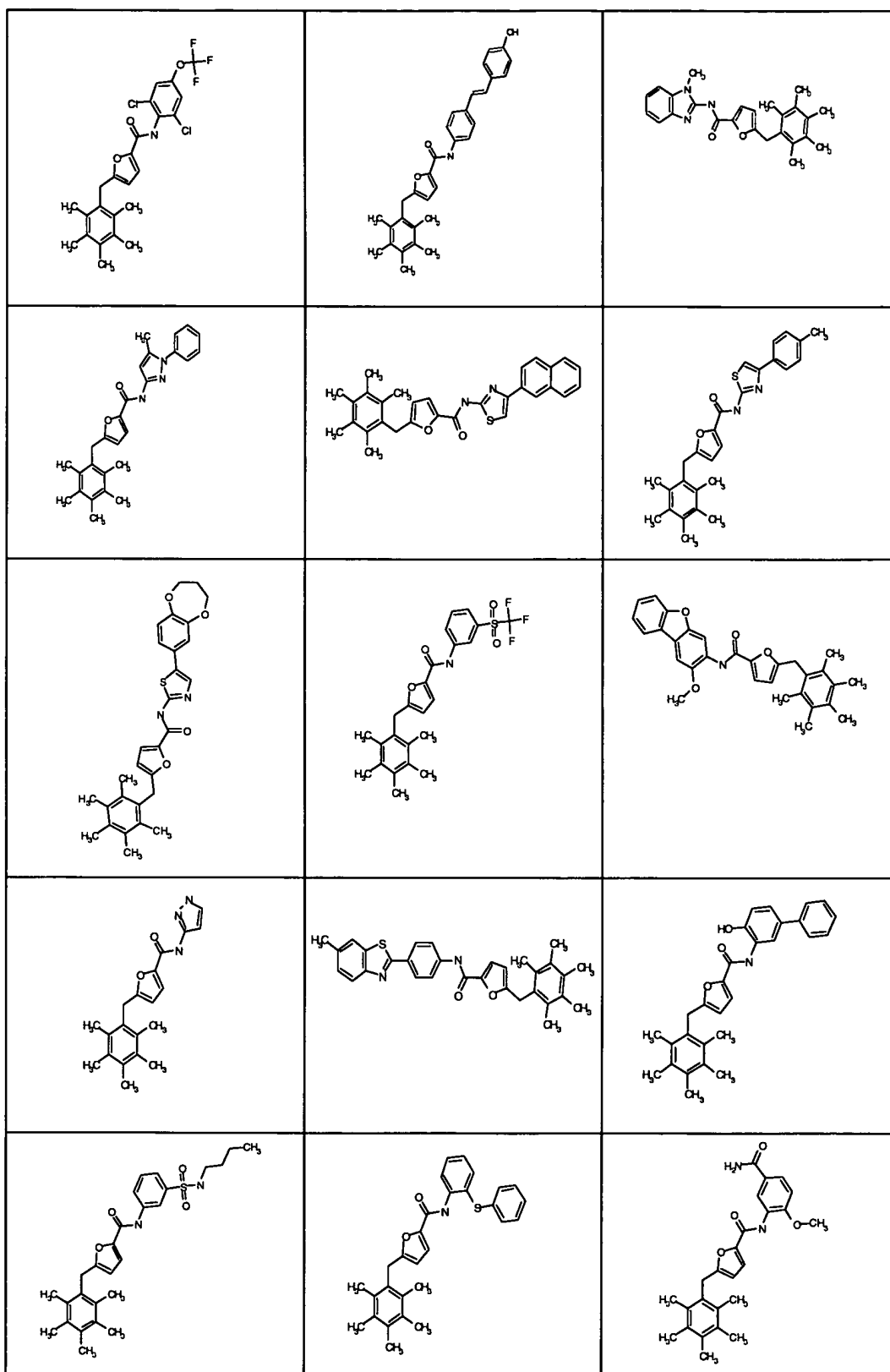
Date: March 21, 2005

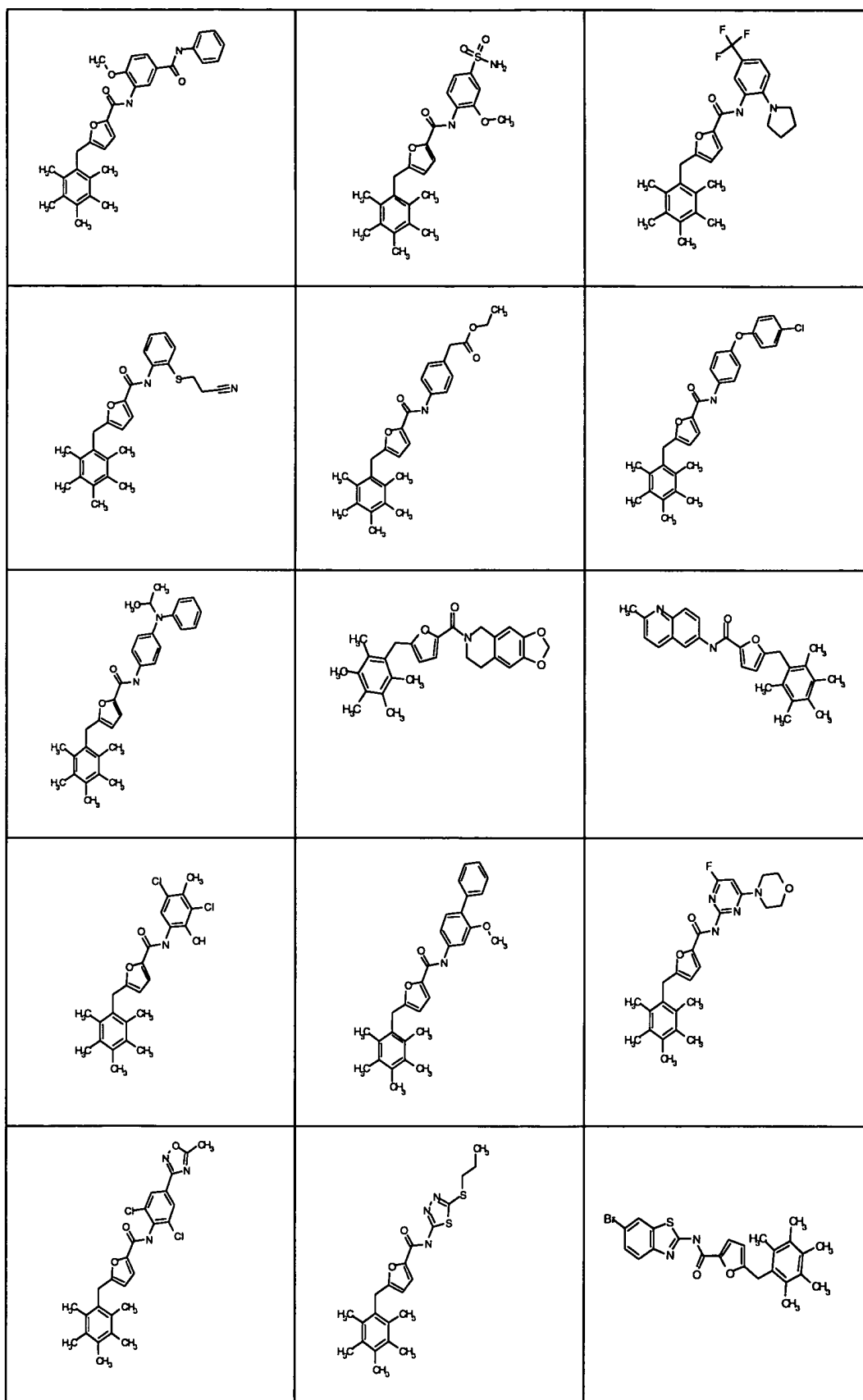
Agouron Pharmaceuticals, Inc.
A Pfizer Company
Patent Department
10777 Science Center Drive
San Diego, California 92121
Phone: 858/526-4608
Fax: 858/678-8233

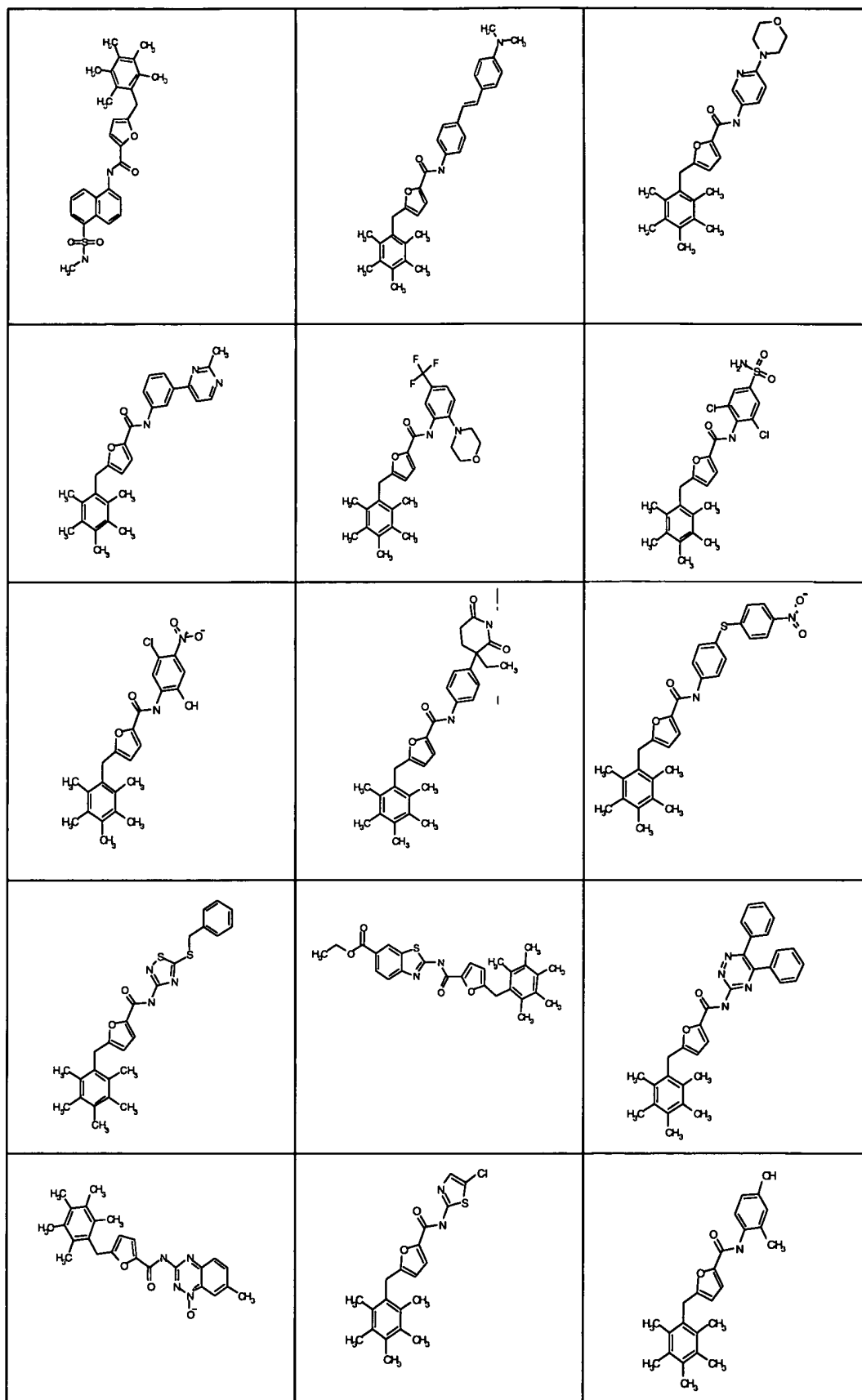
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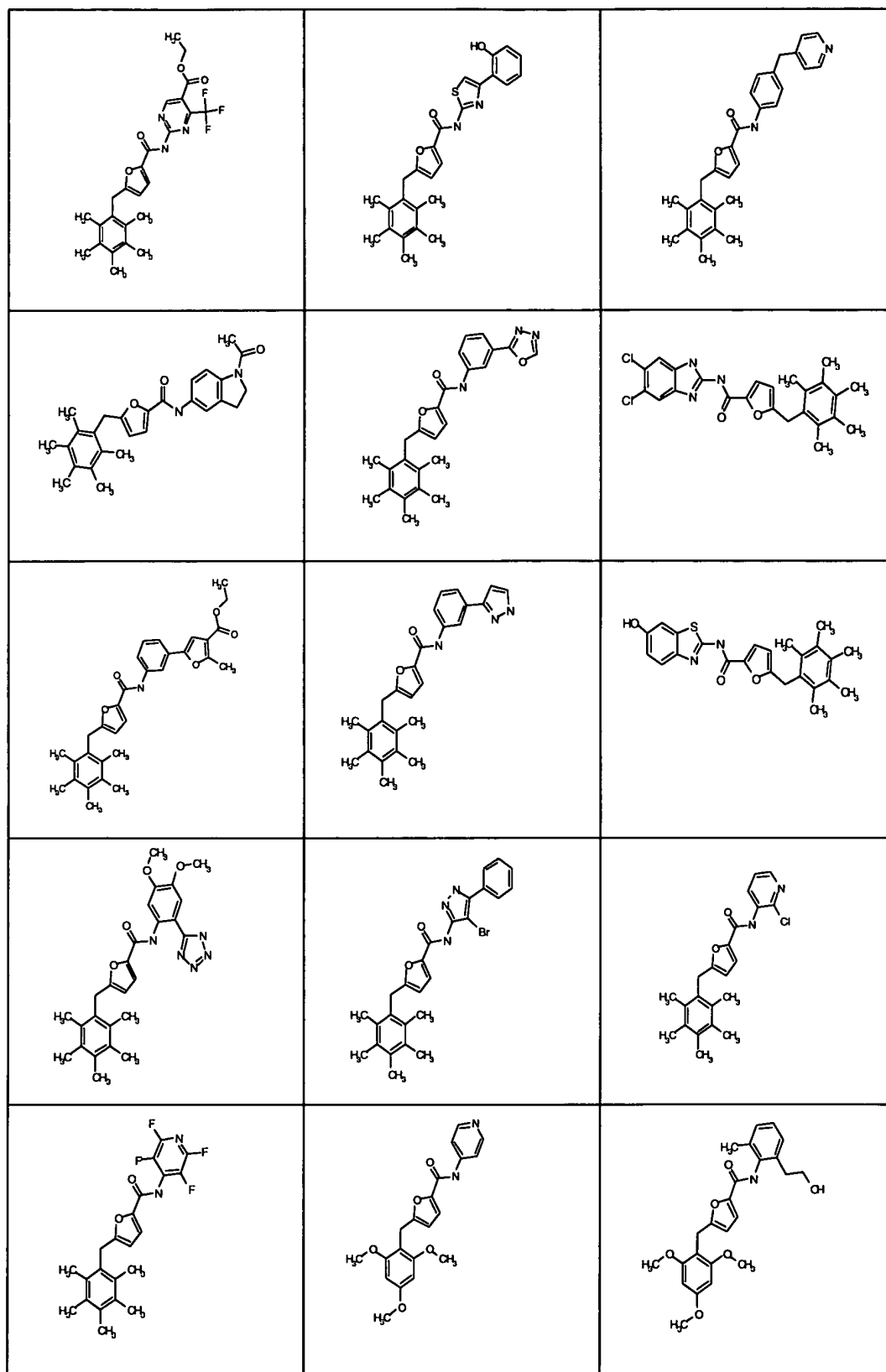
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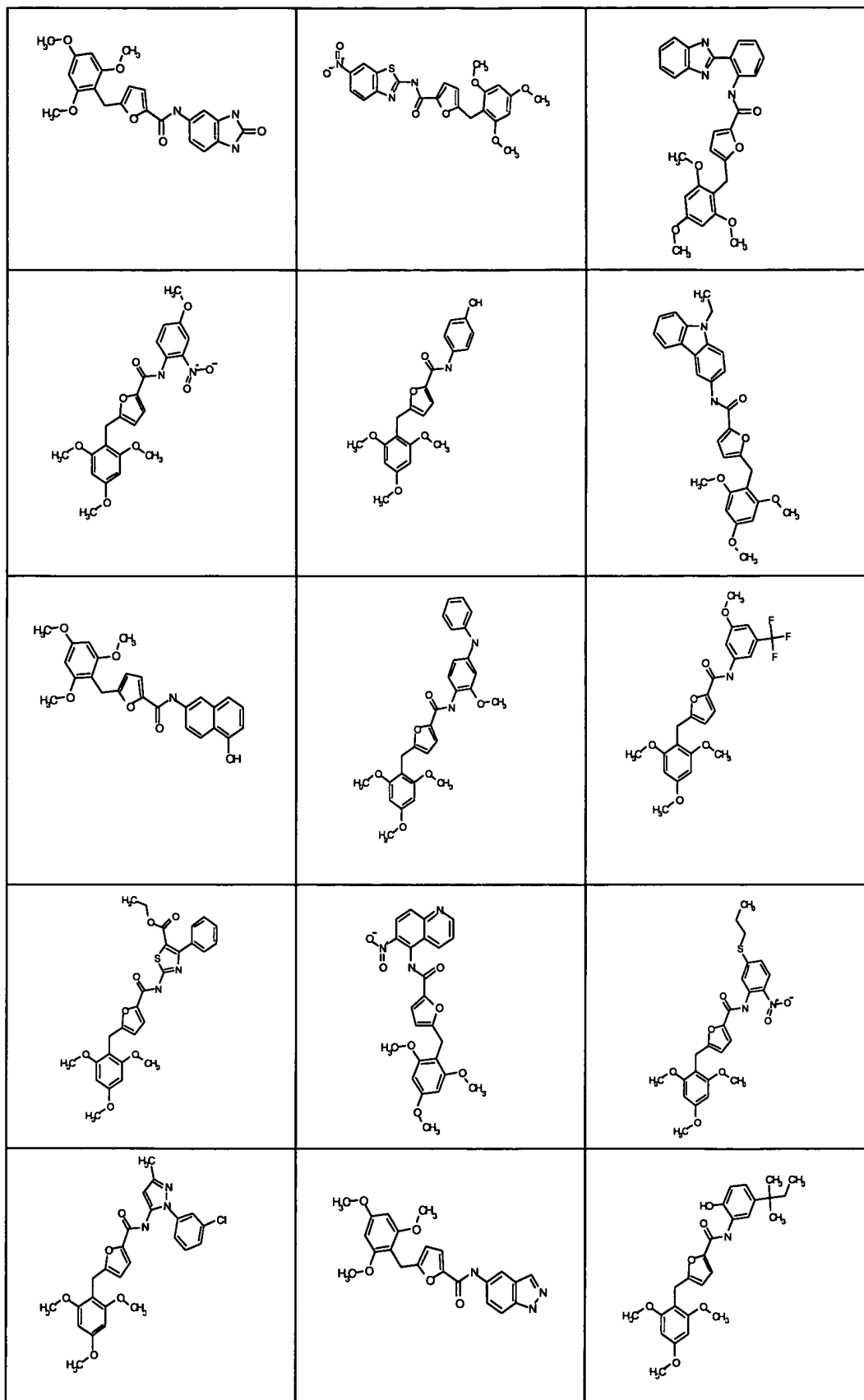


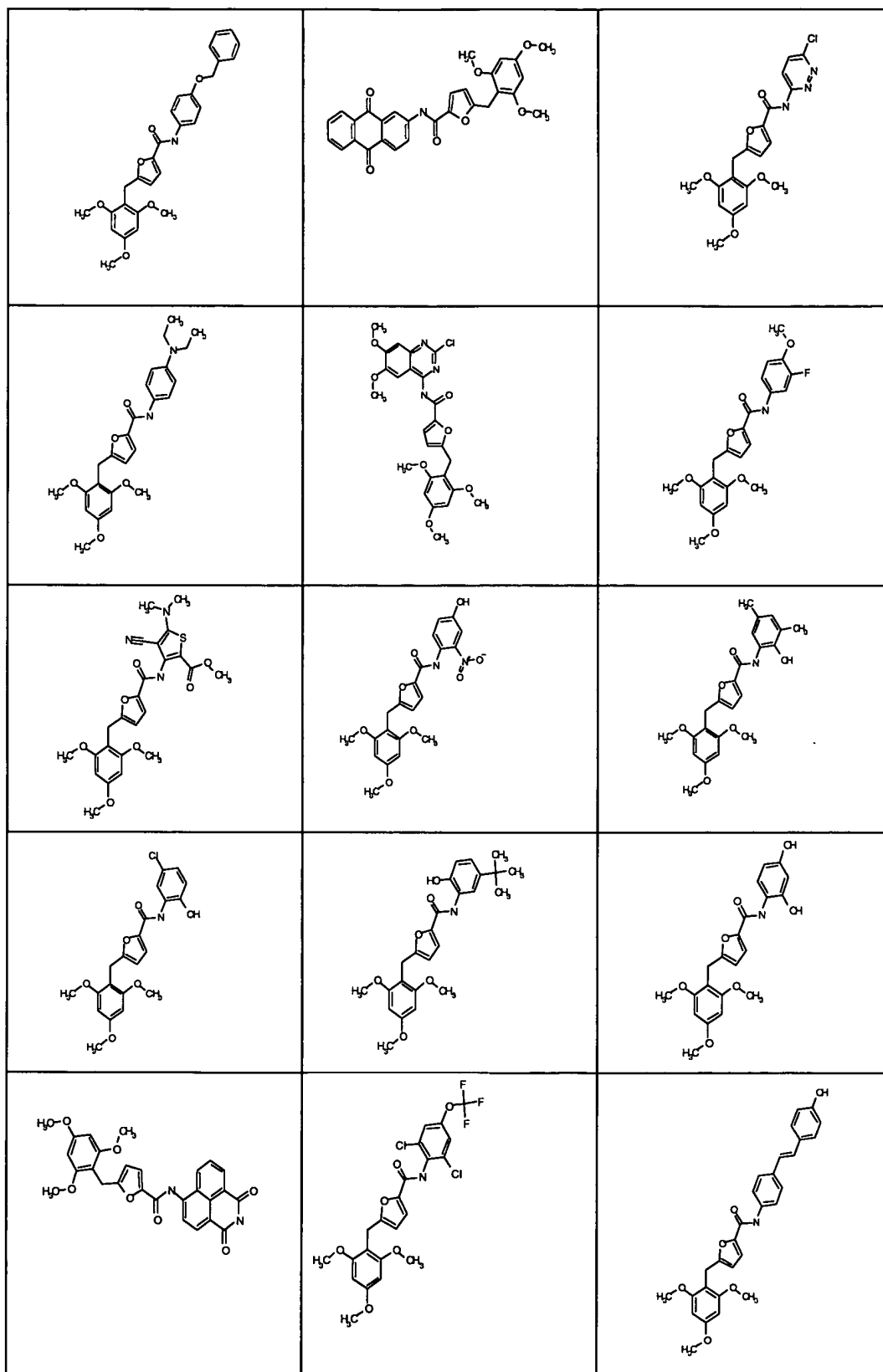


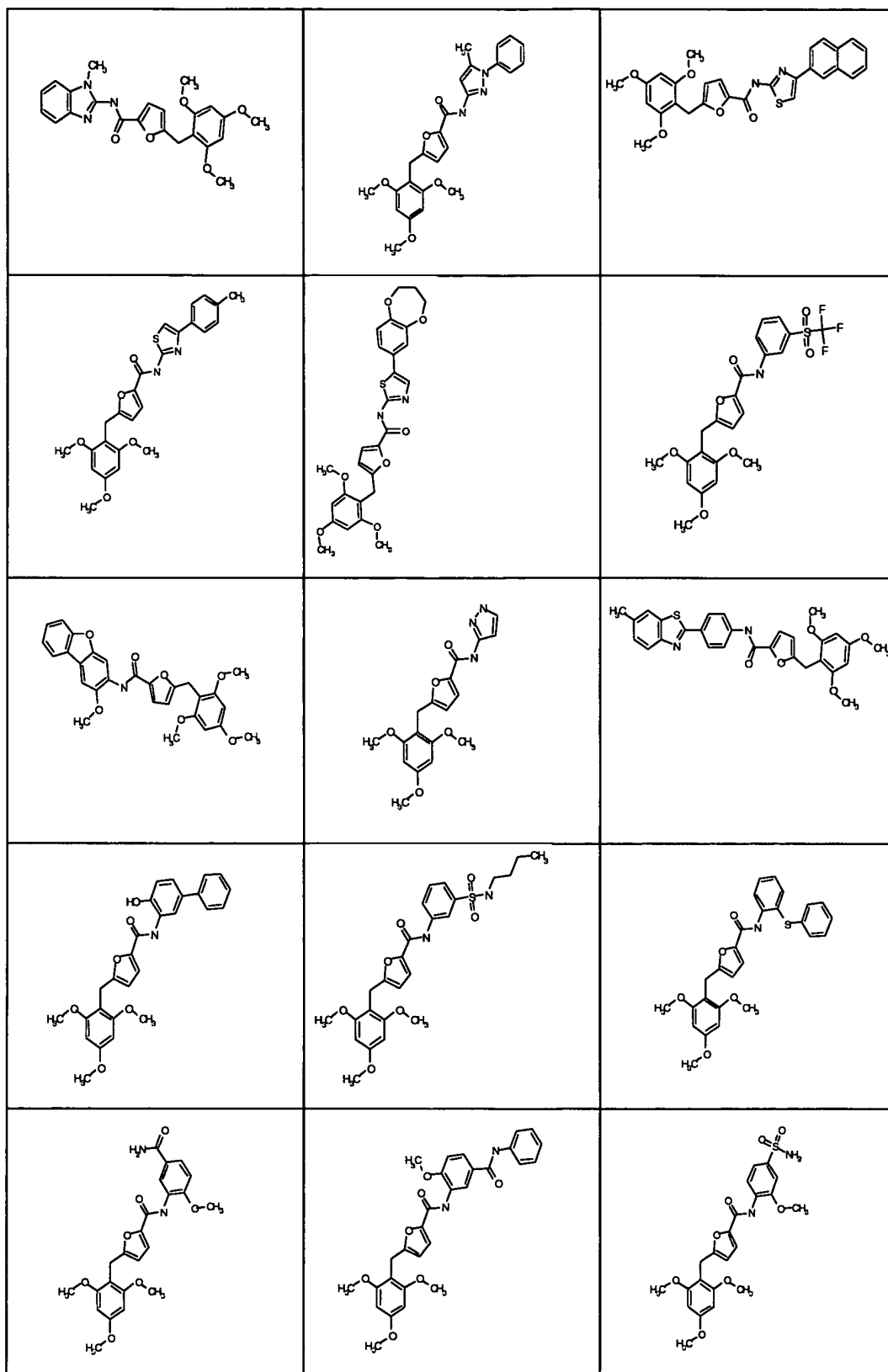


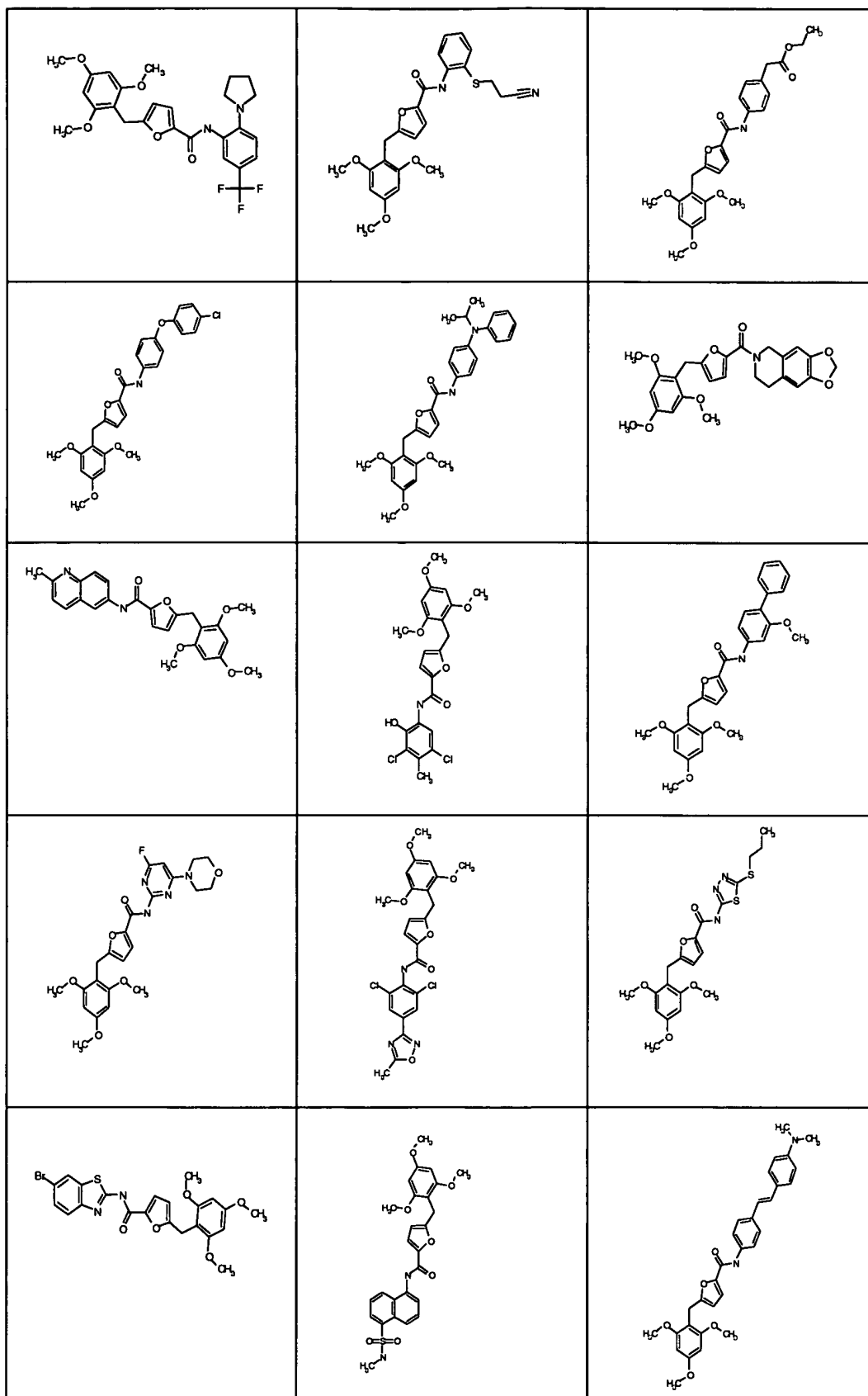


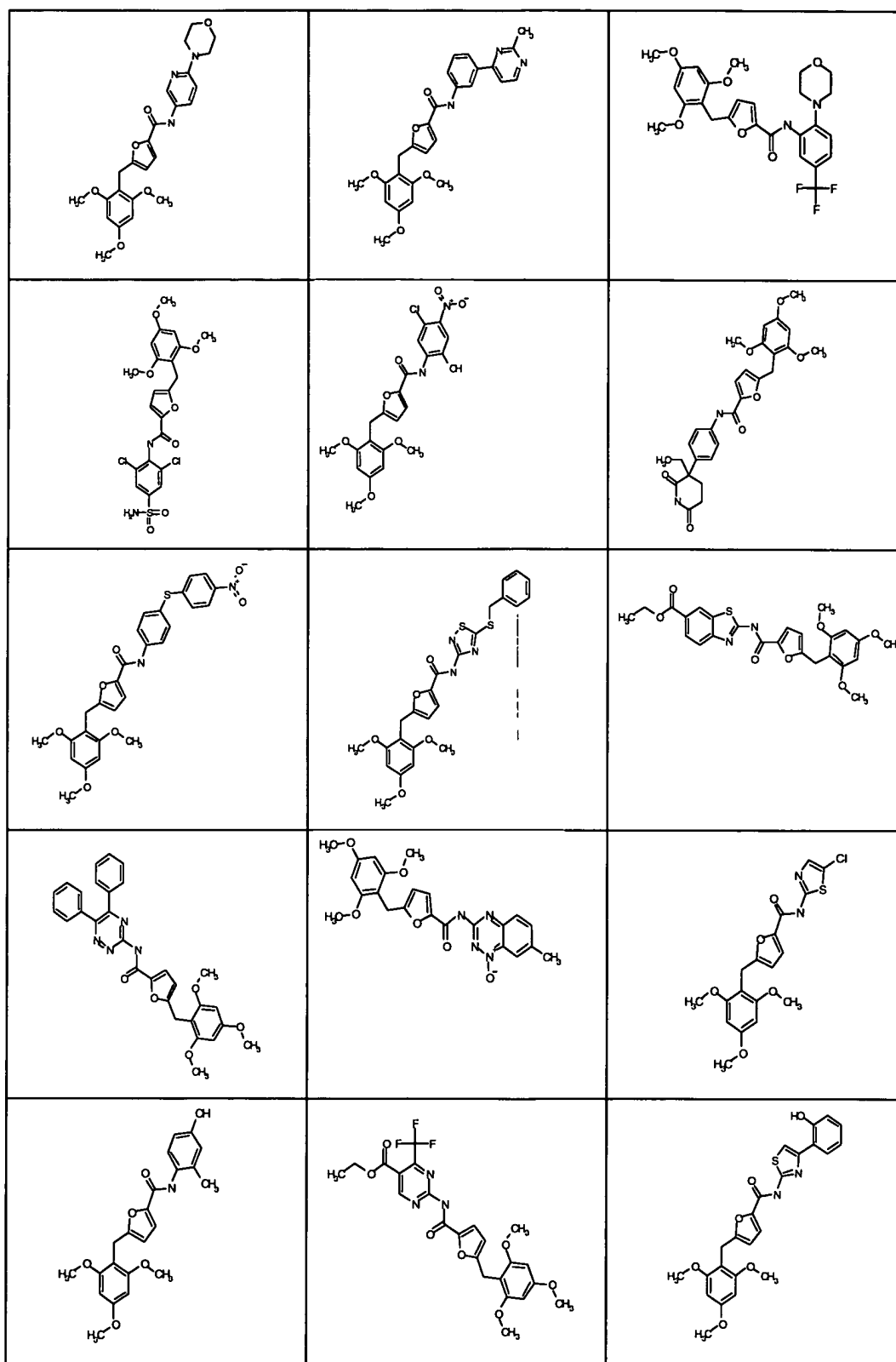


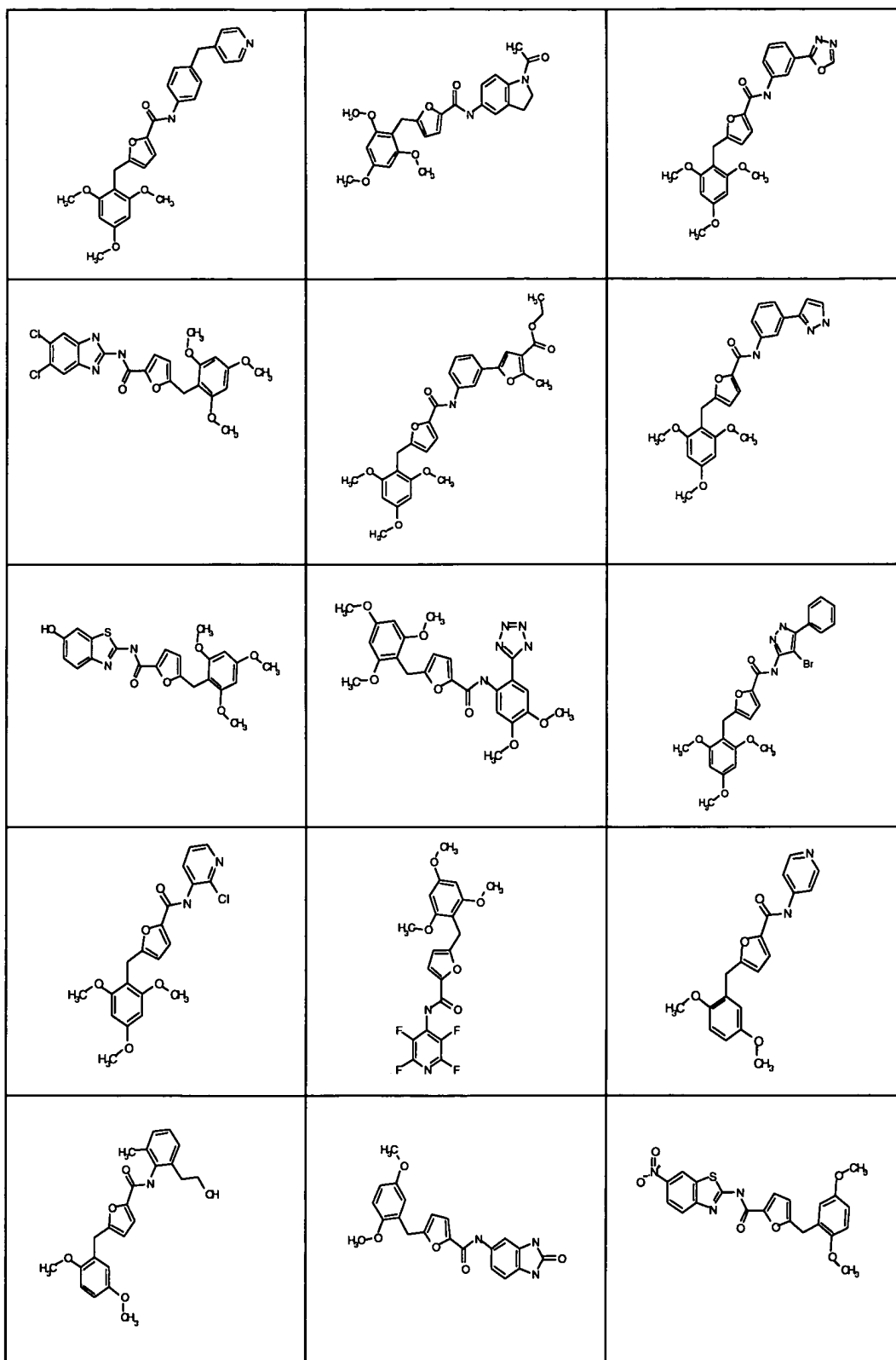


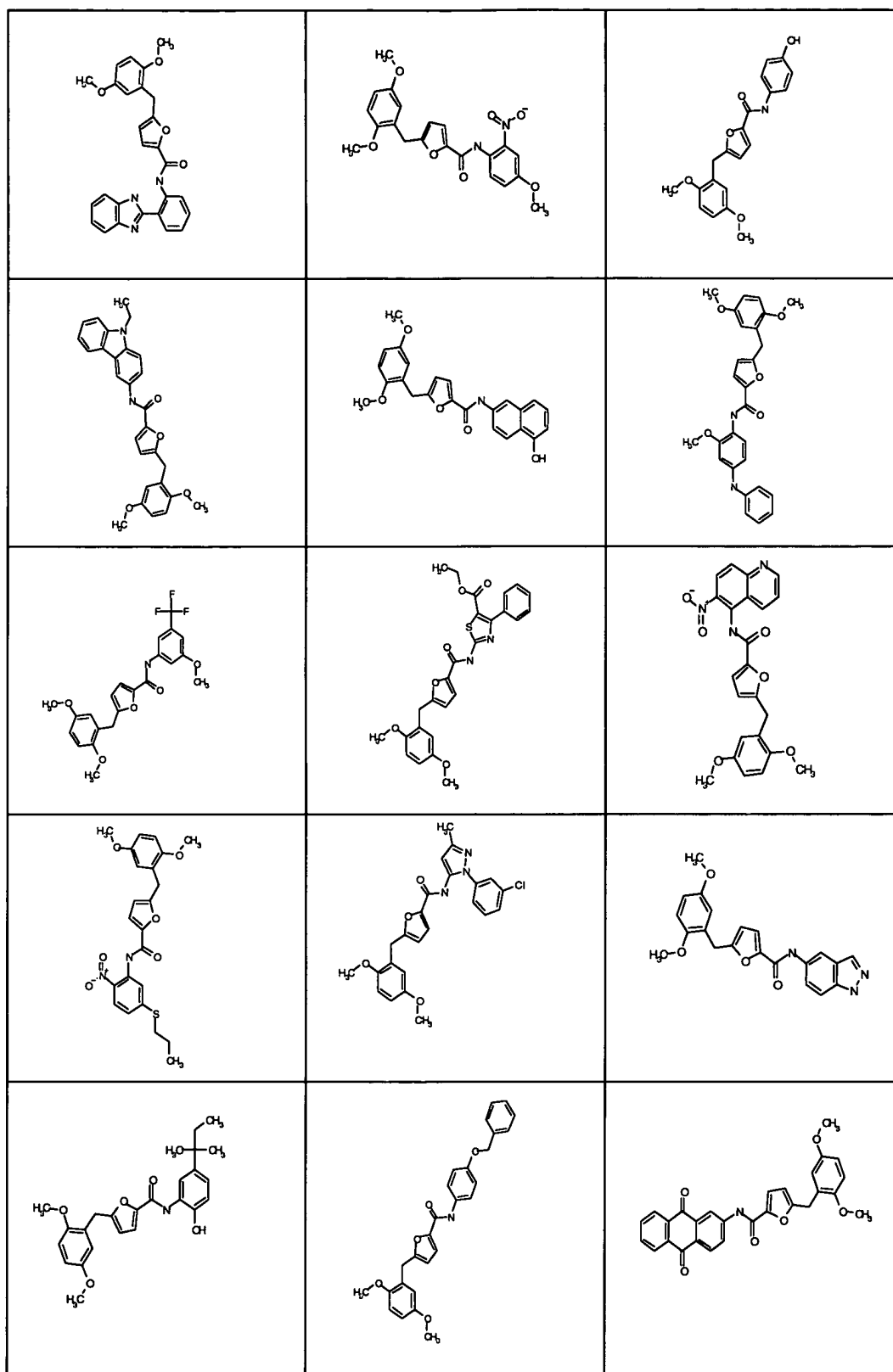


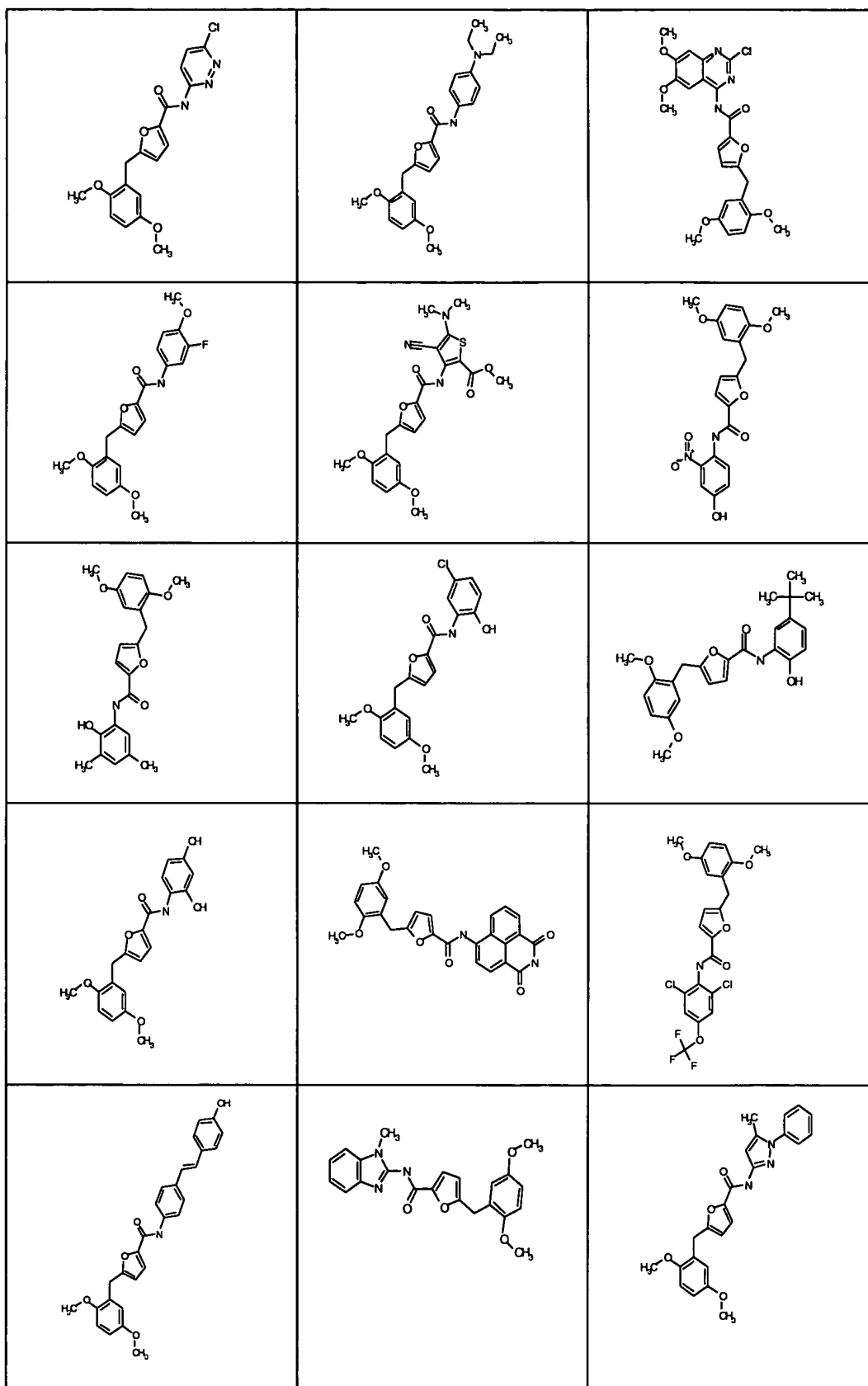


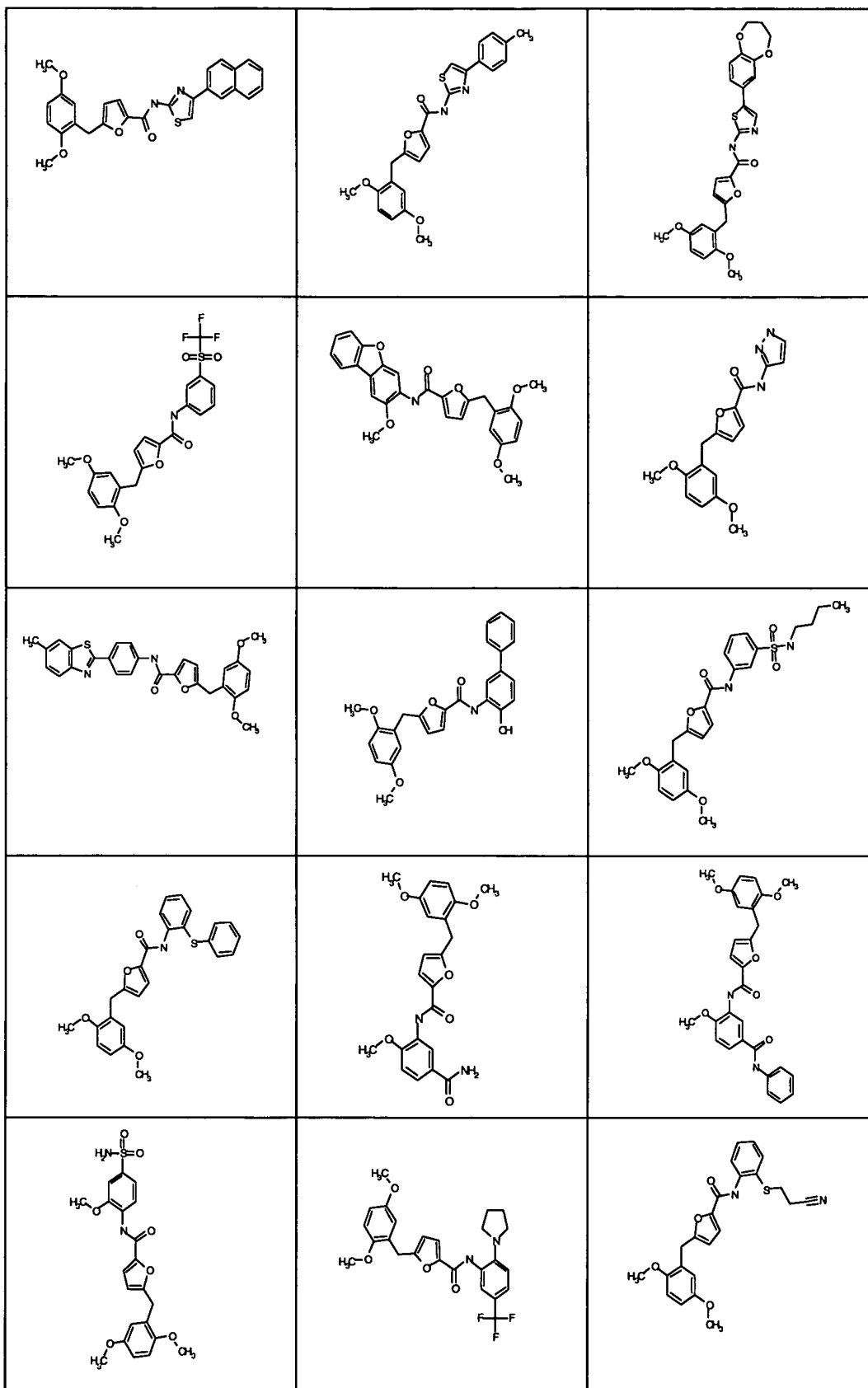


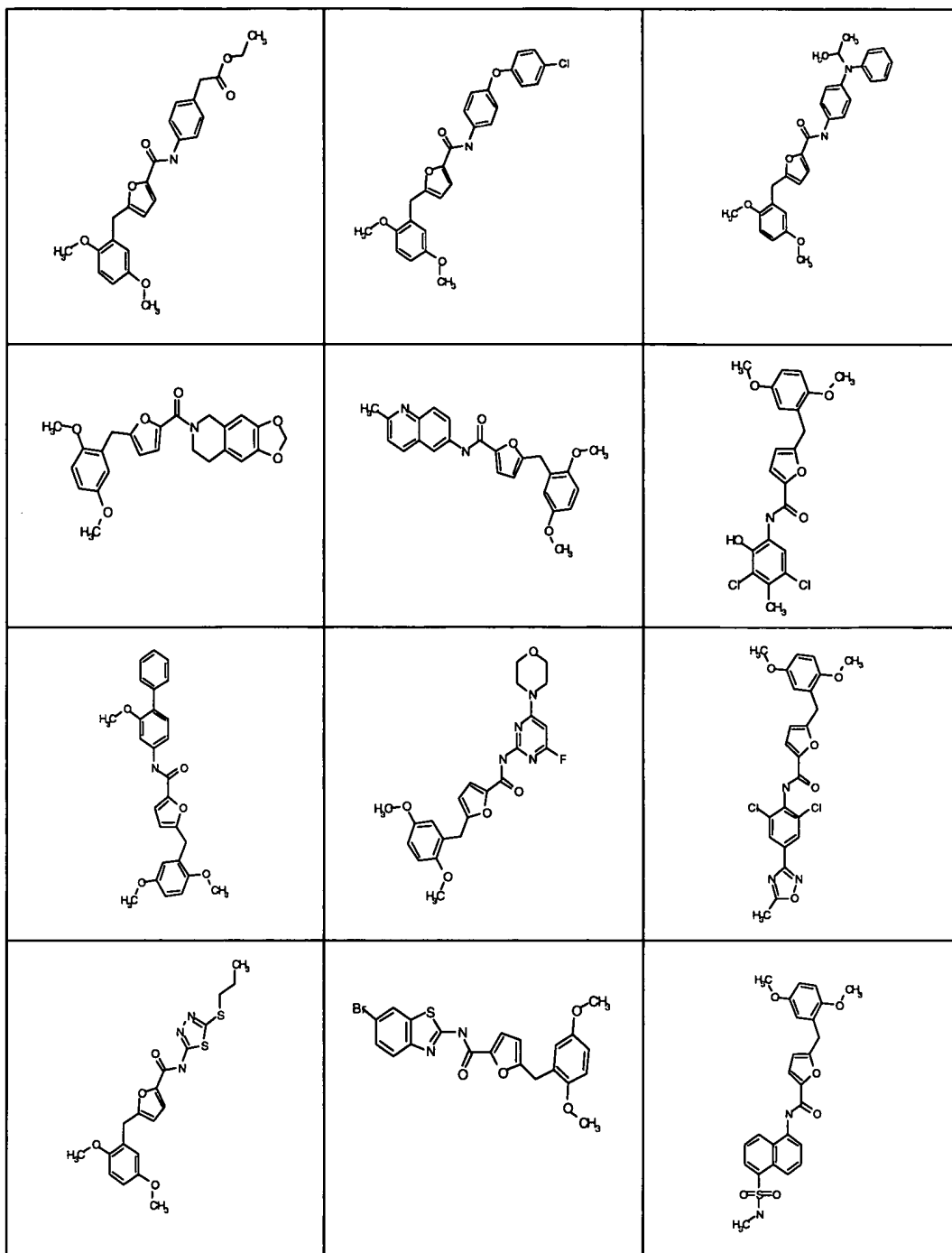


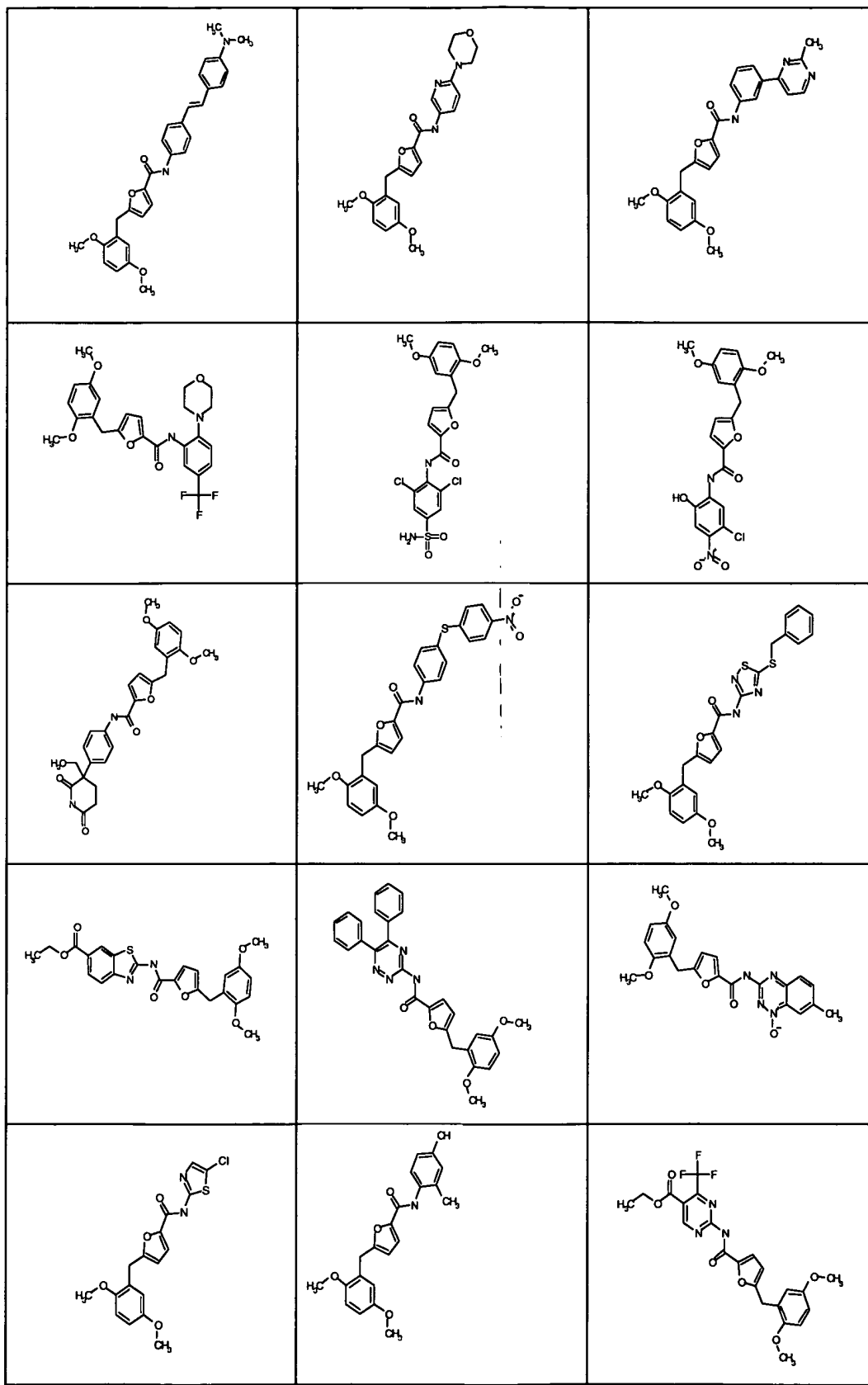


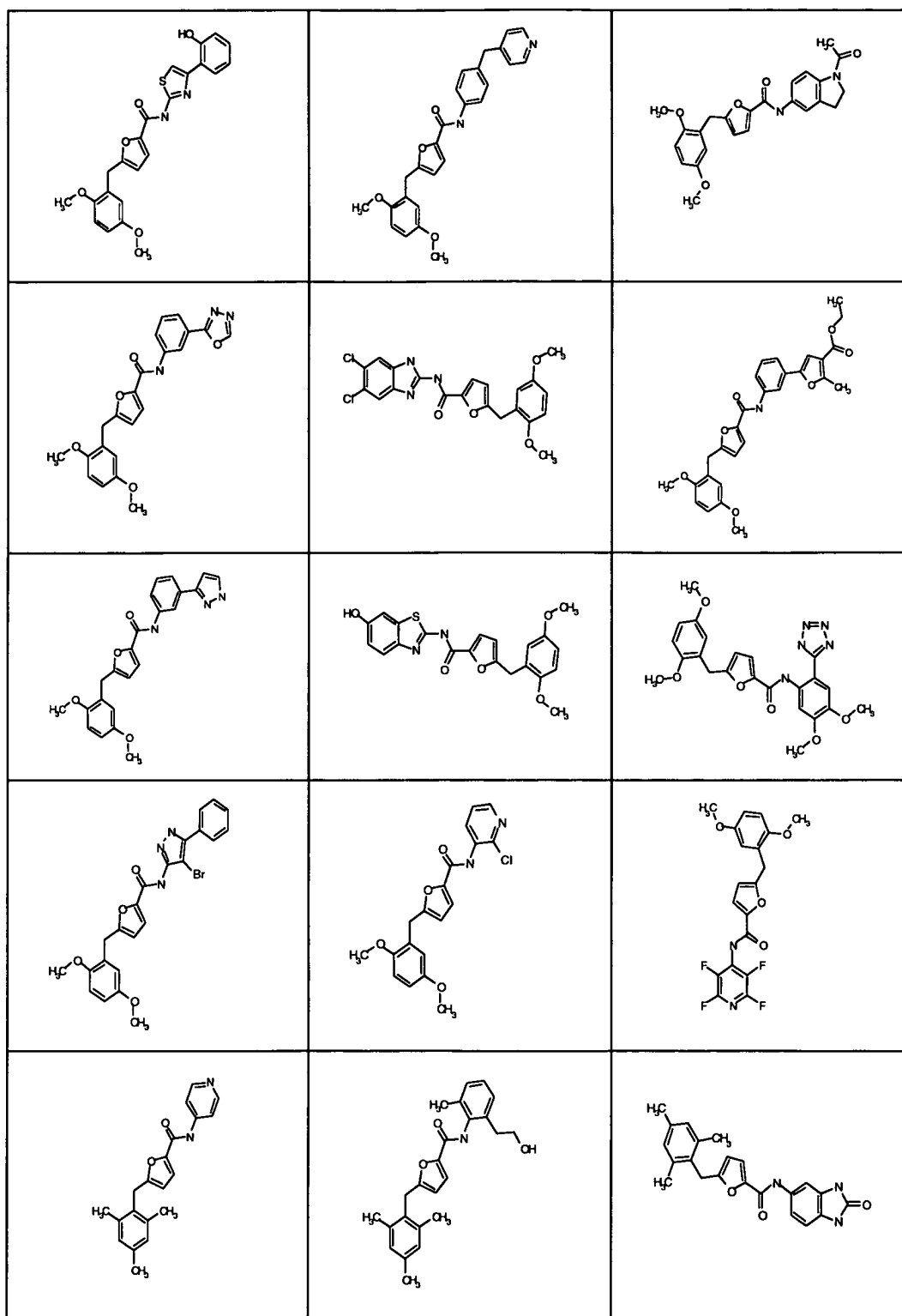


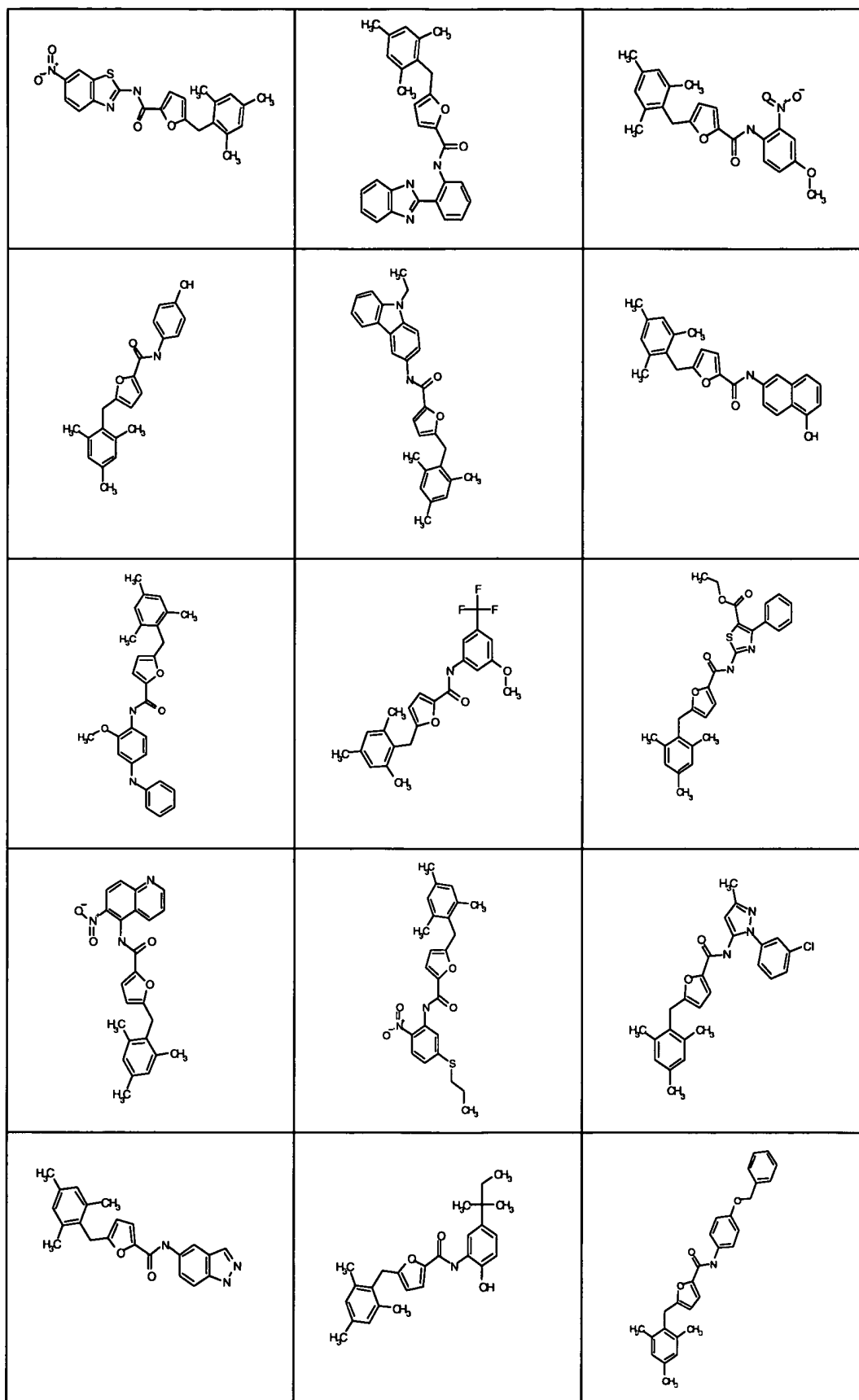


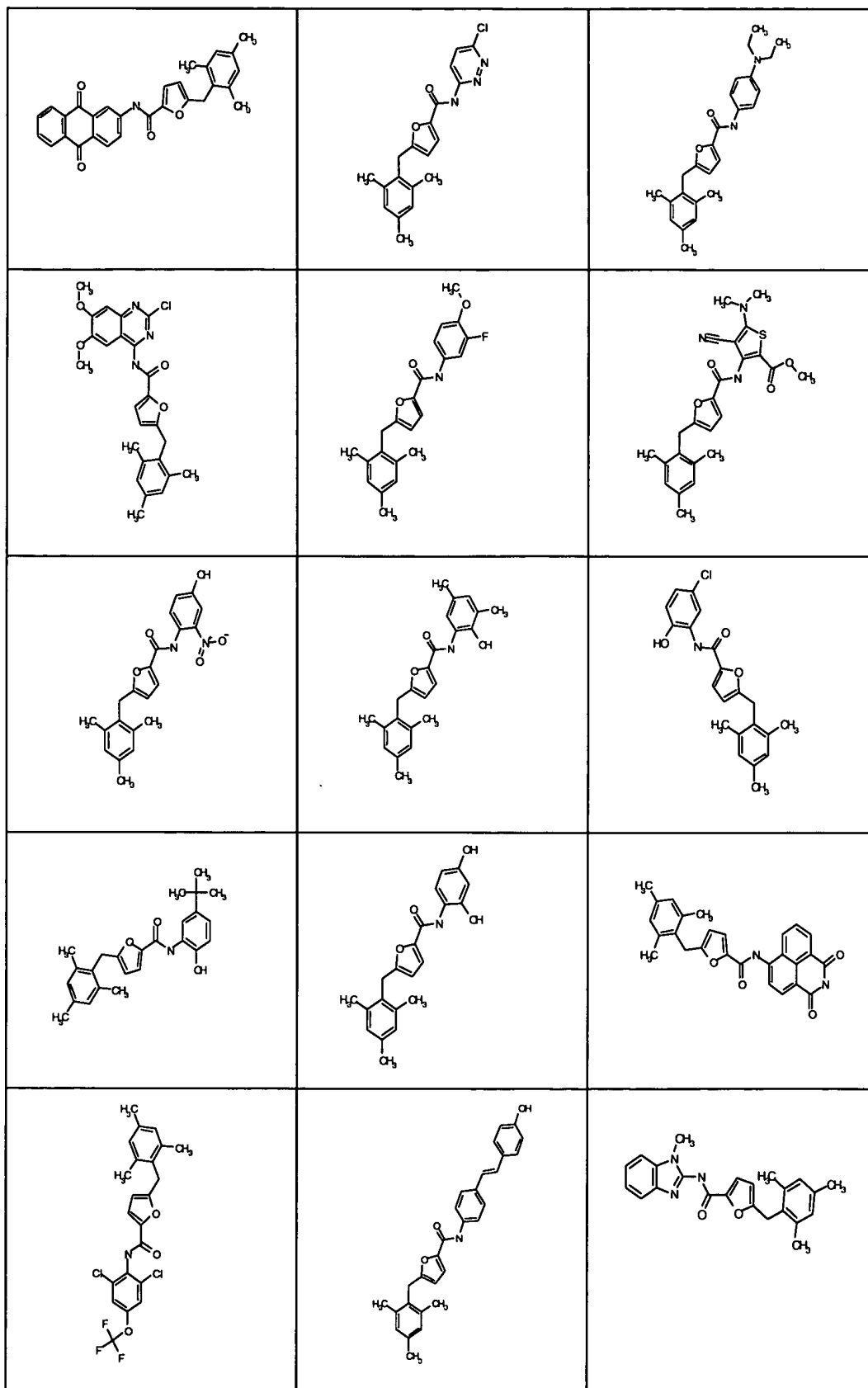


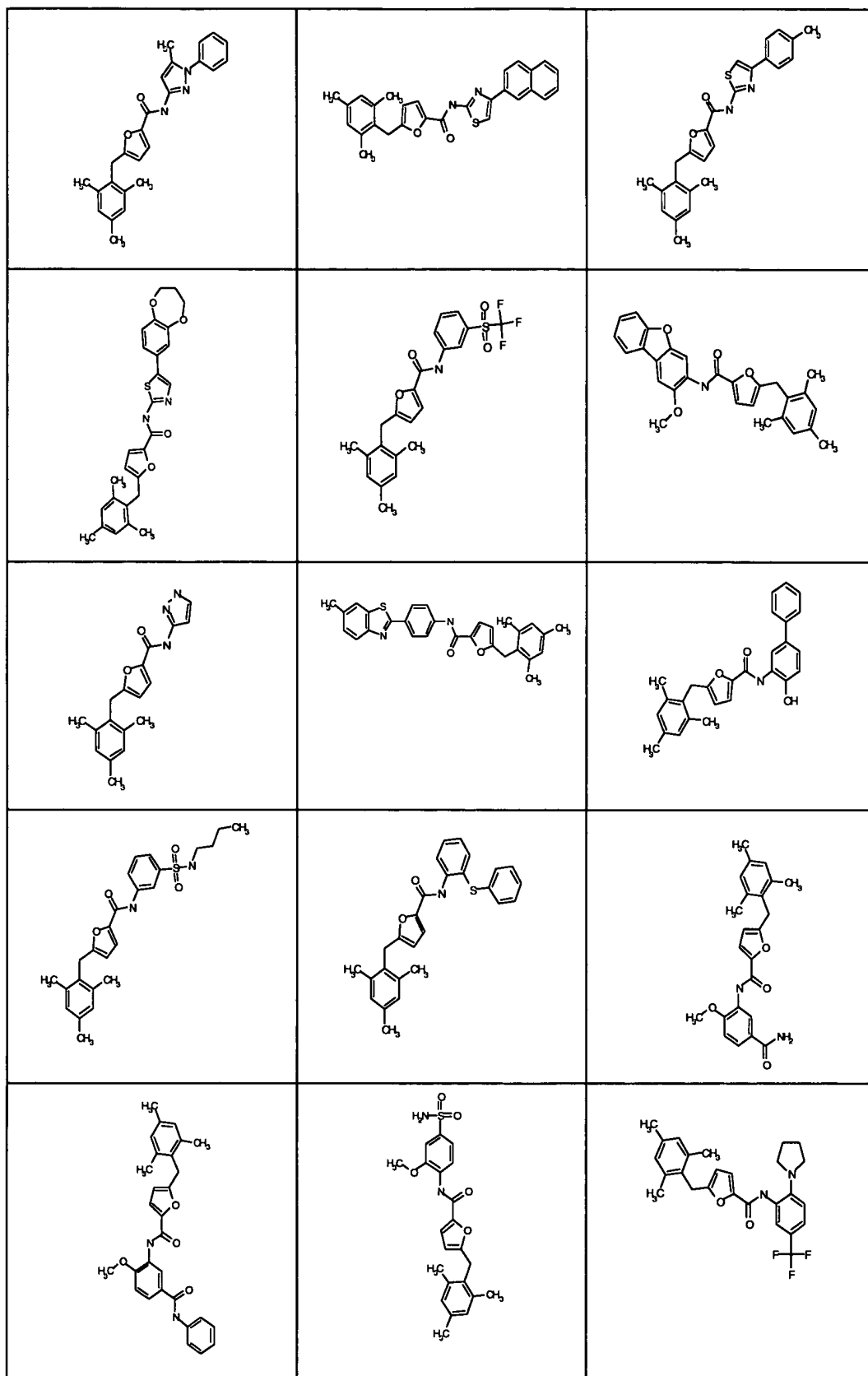


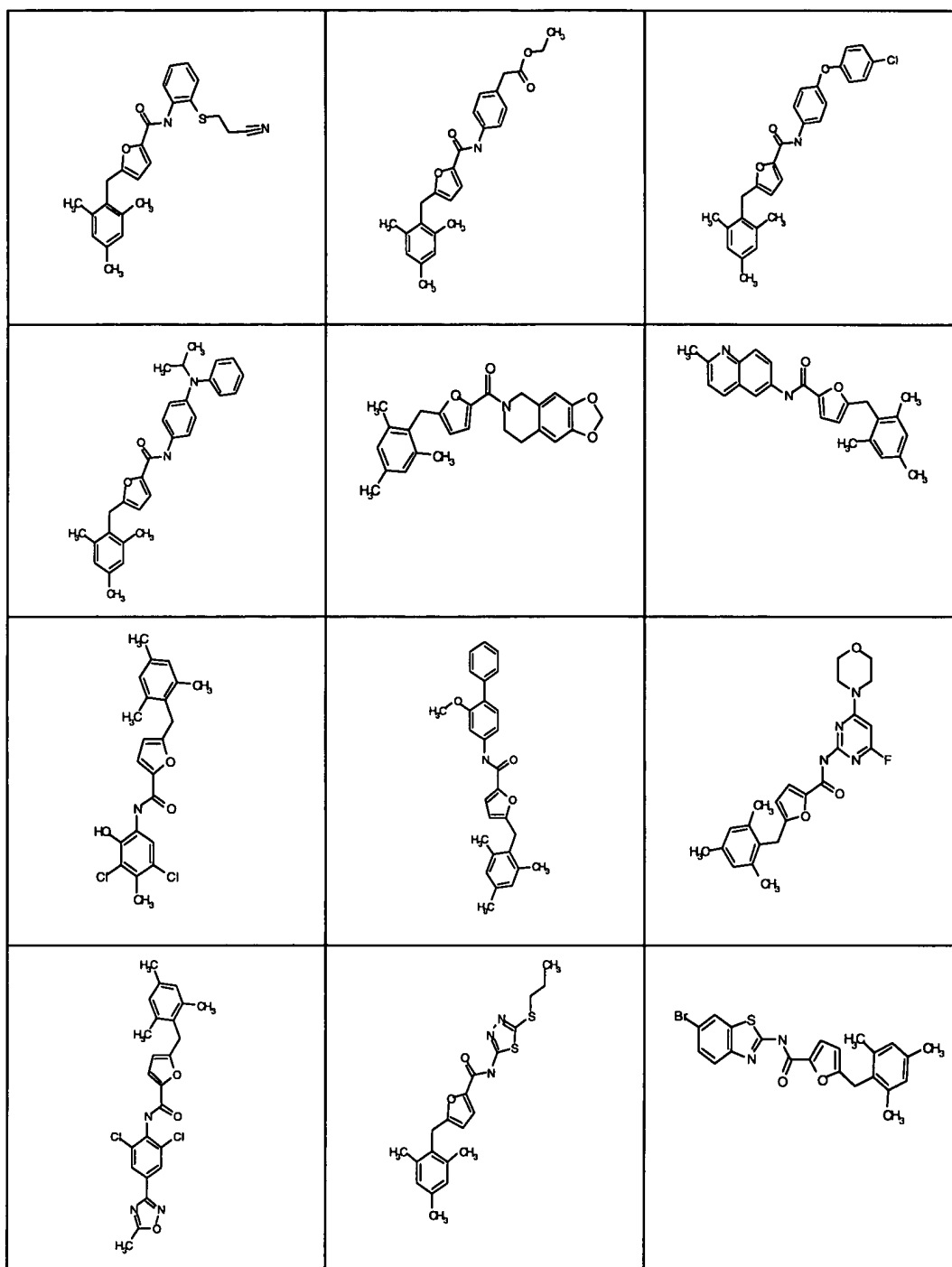


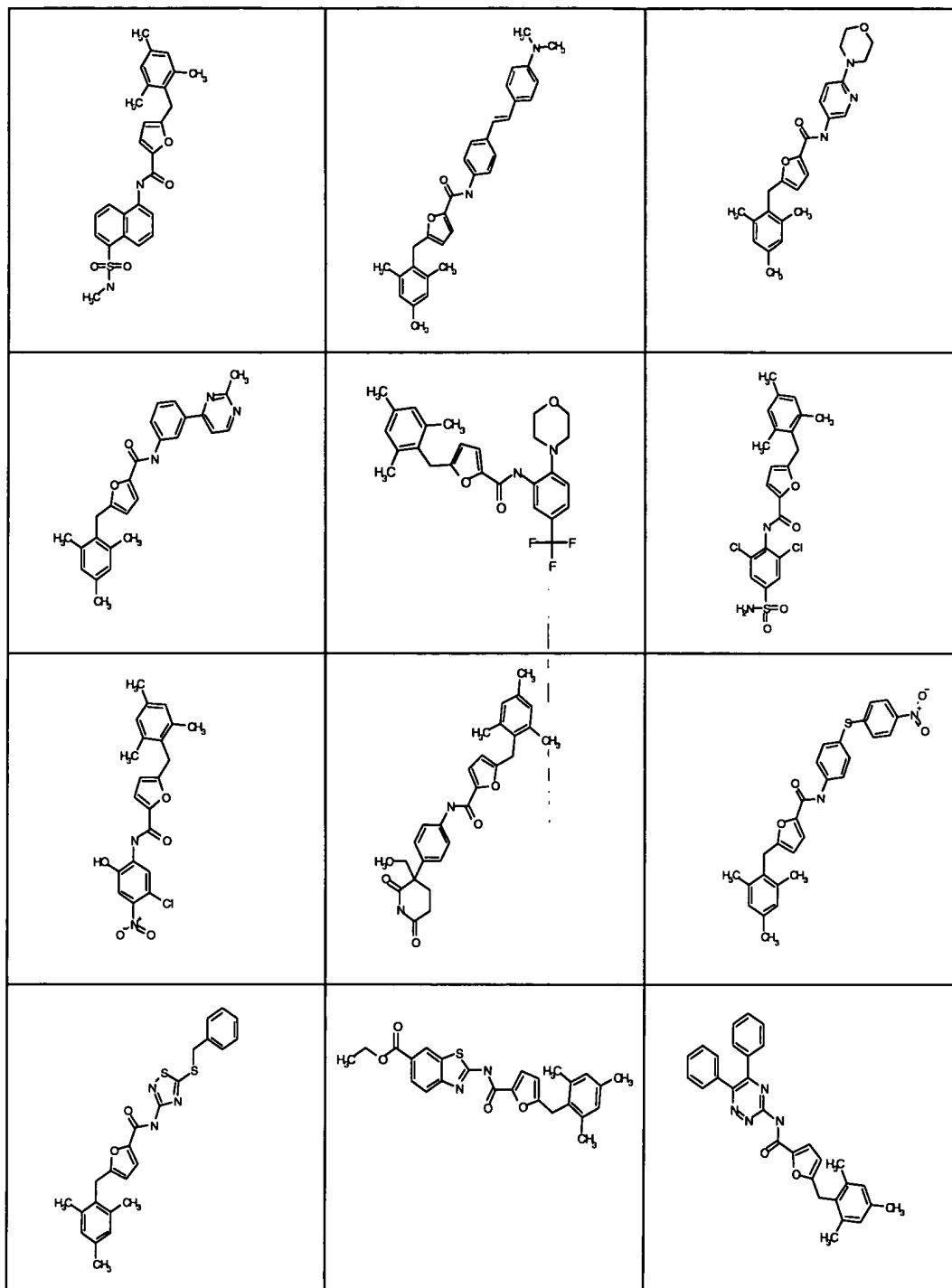


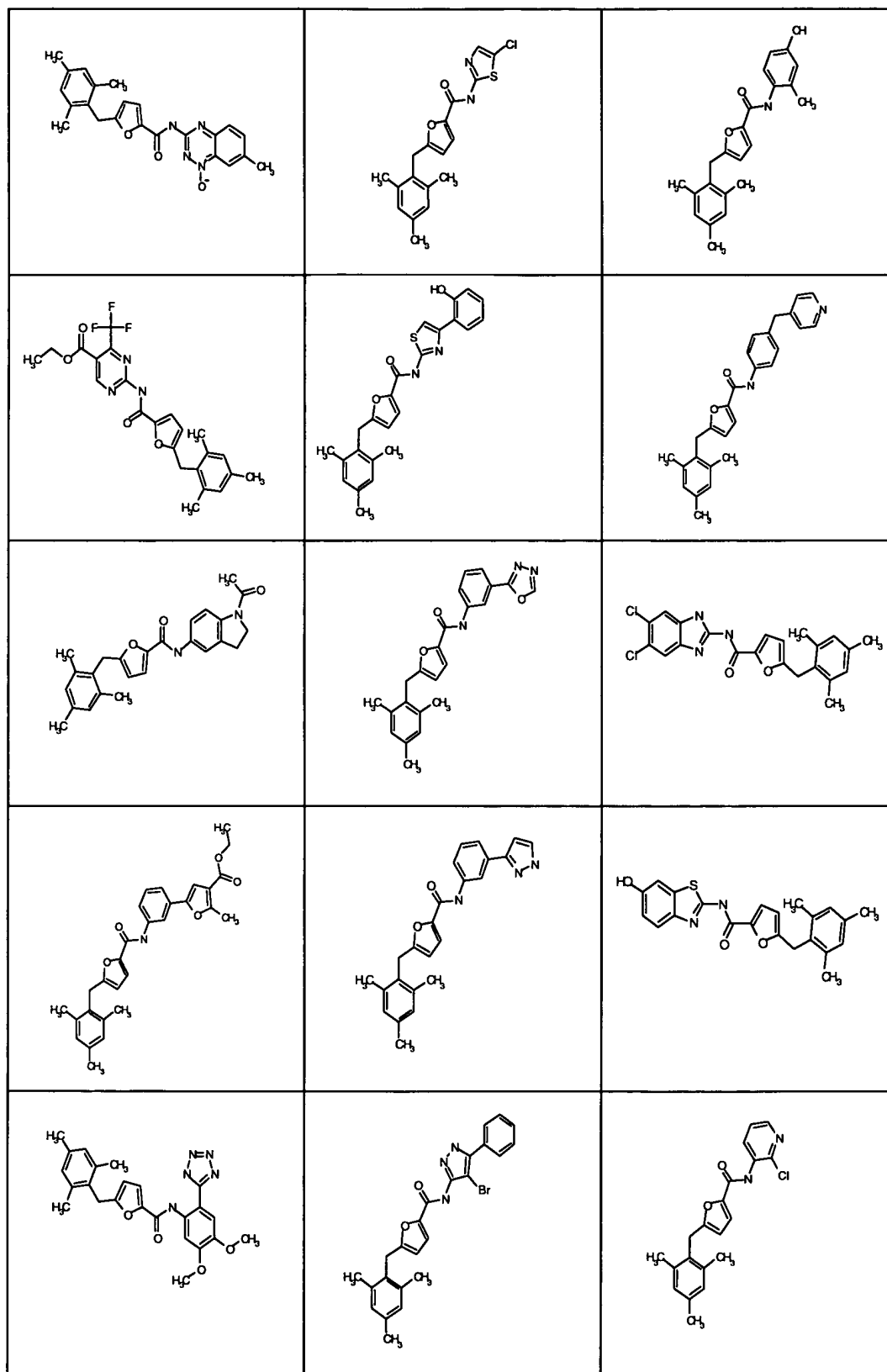


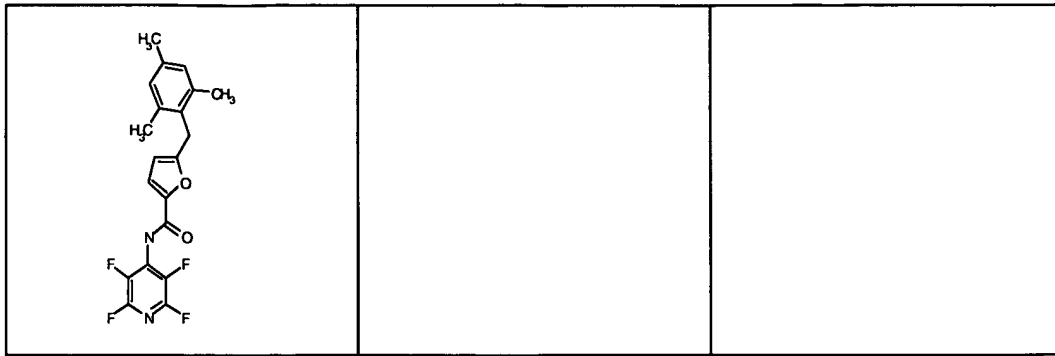


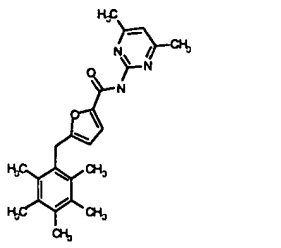
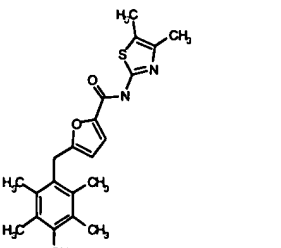
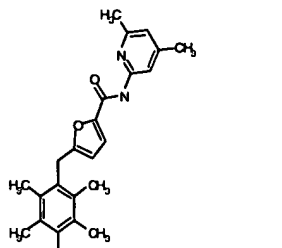
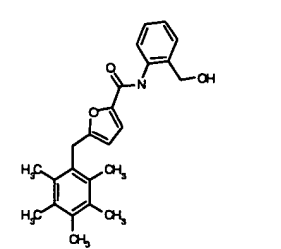
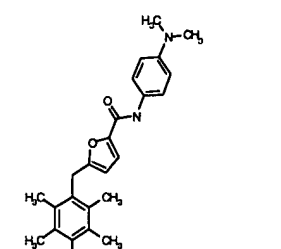
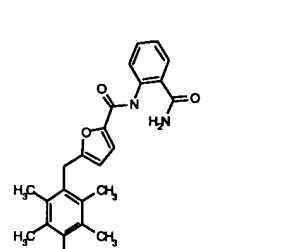
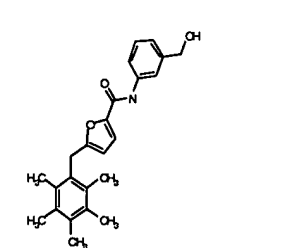
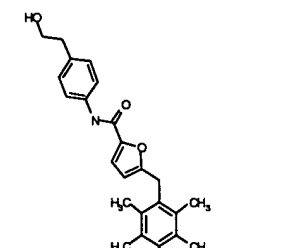
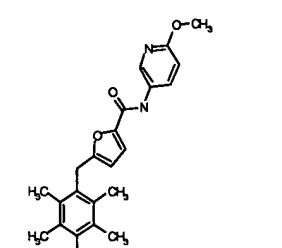
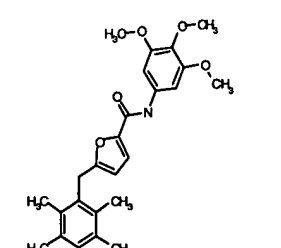
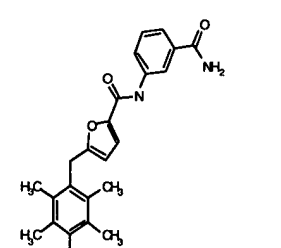
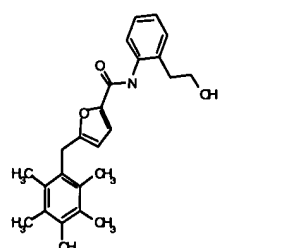
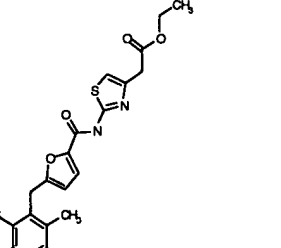
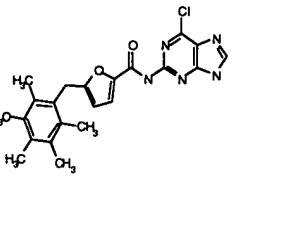
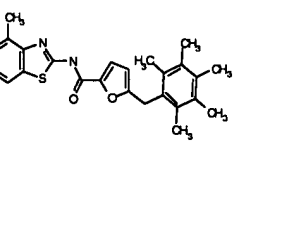


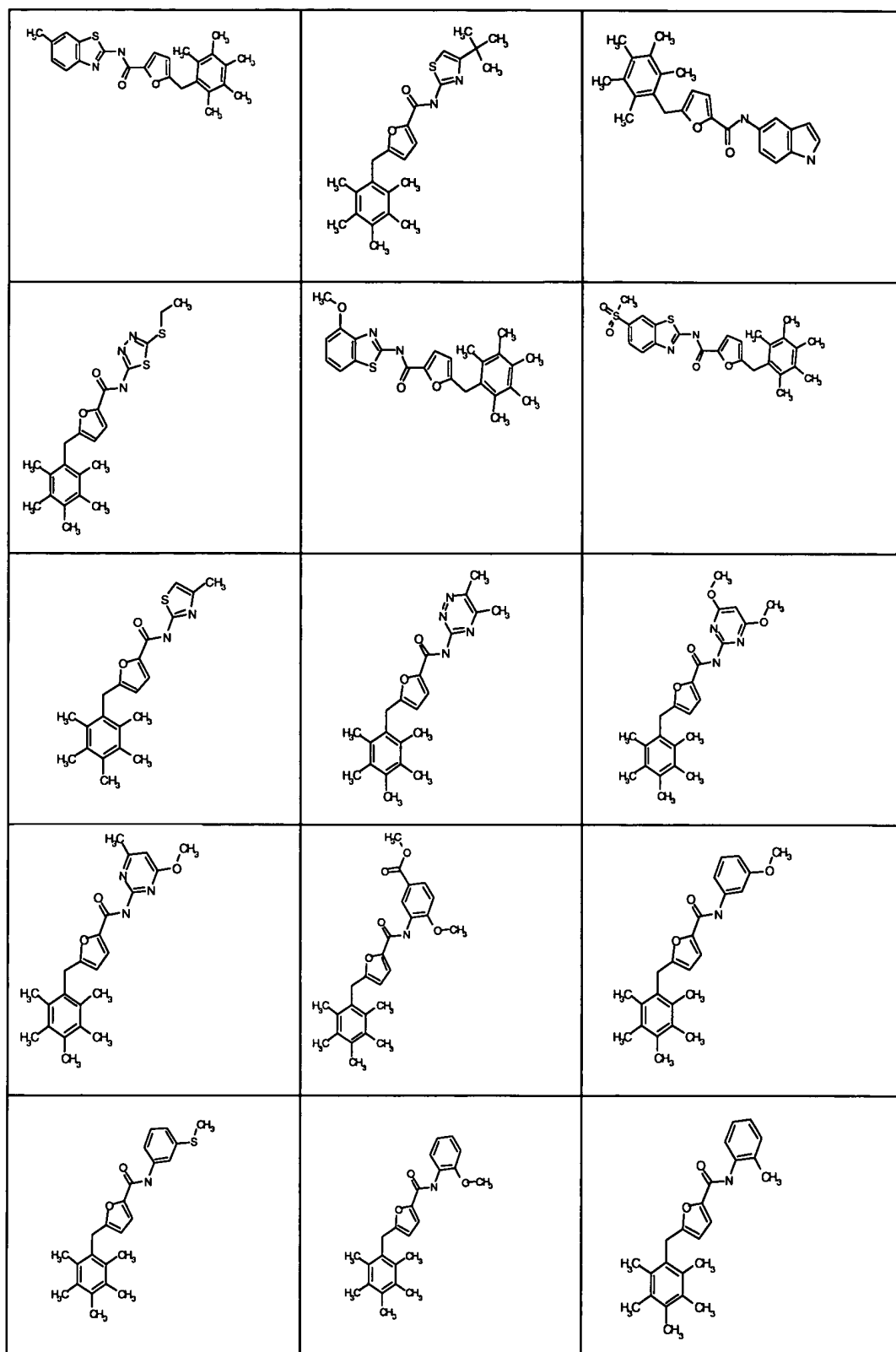


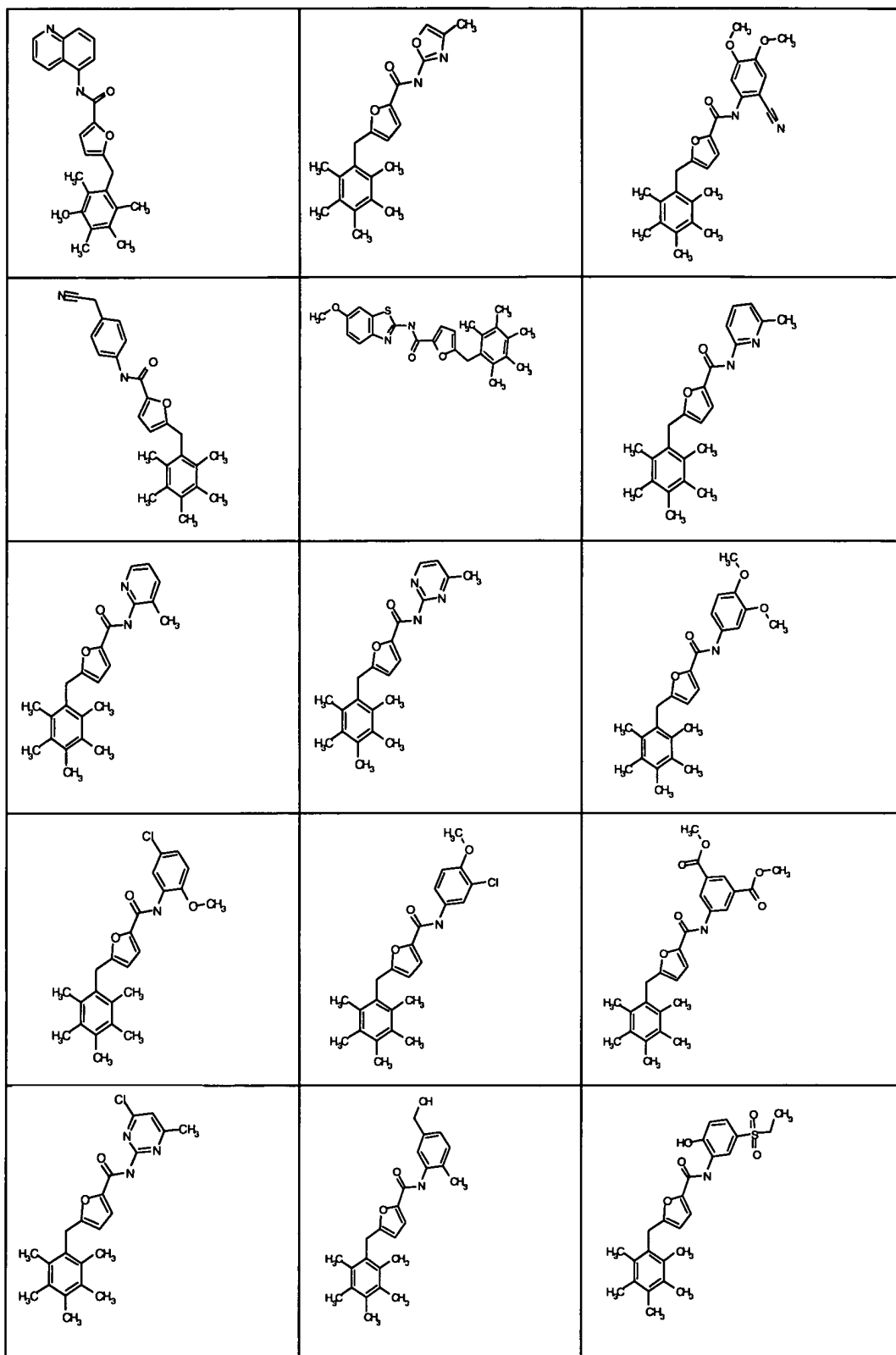


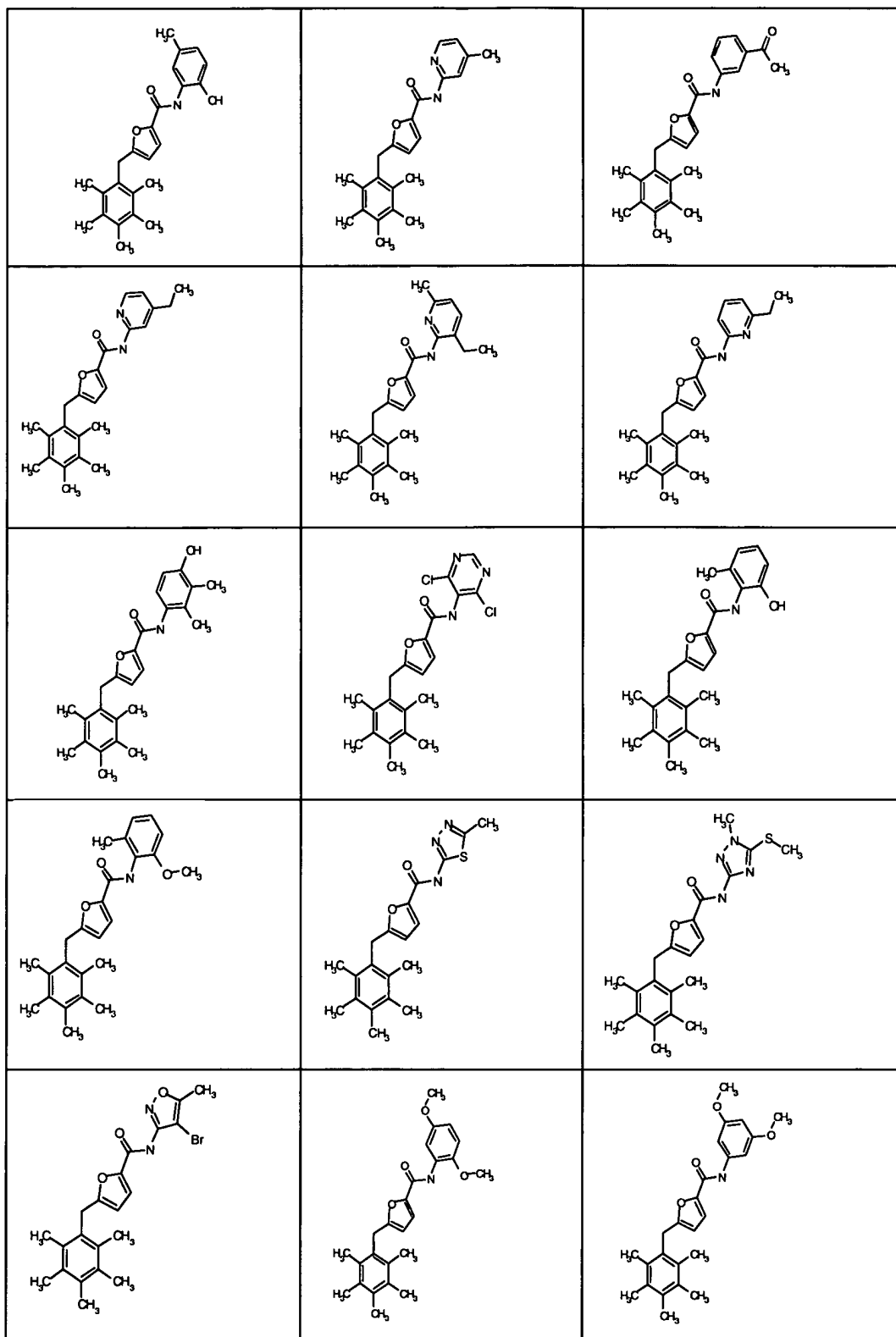


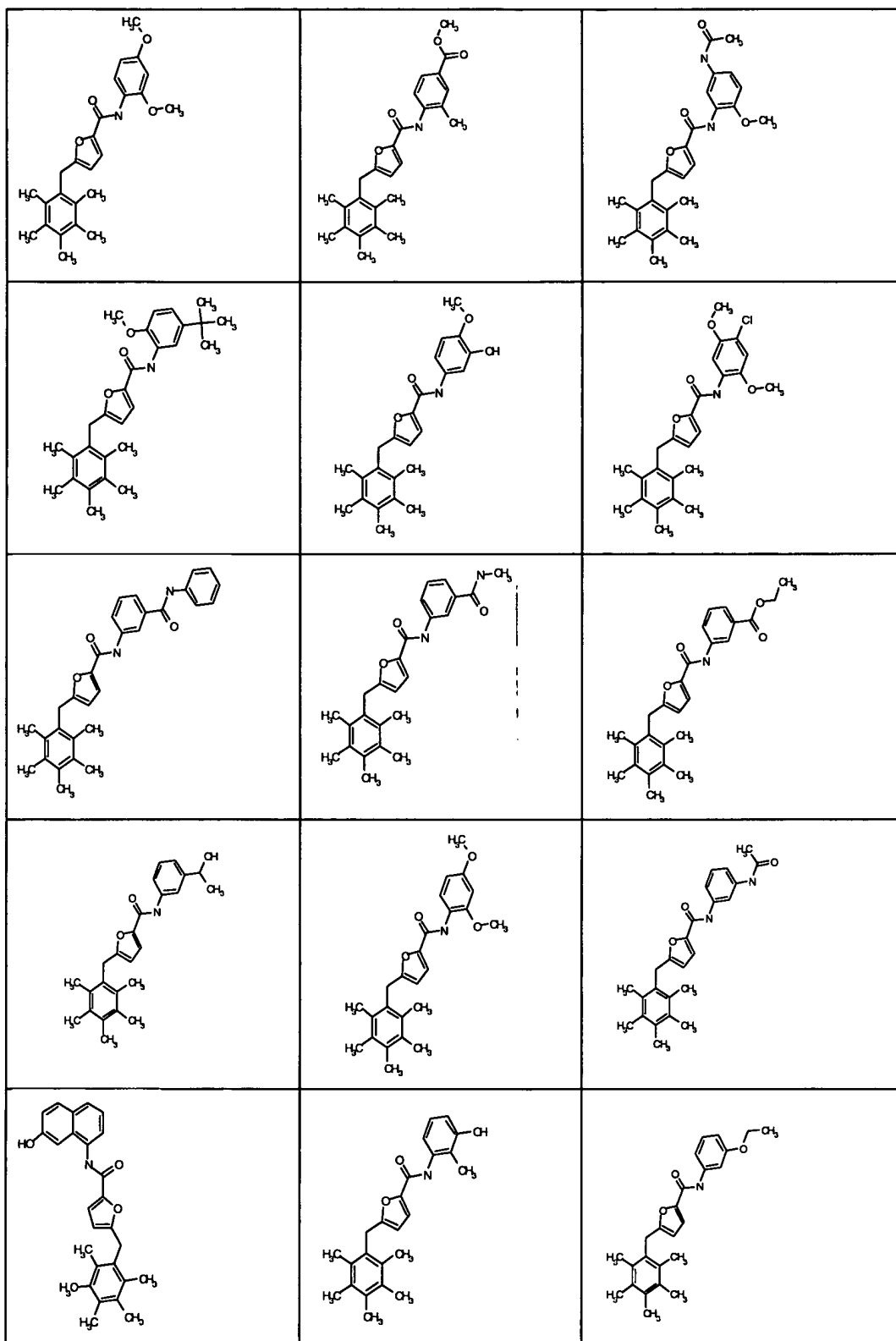


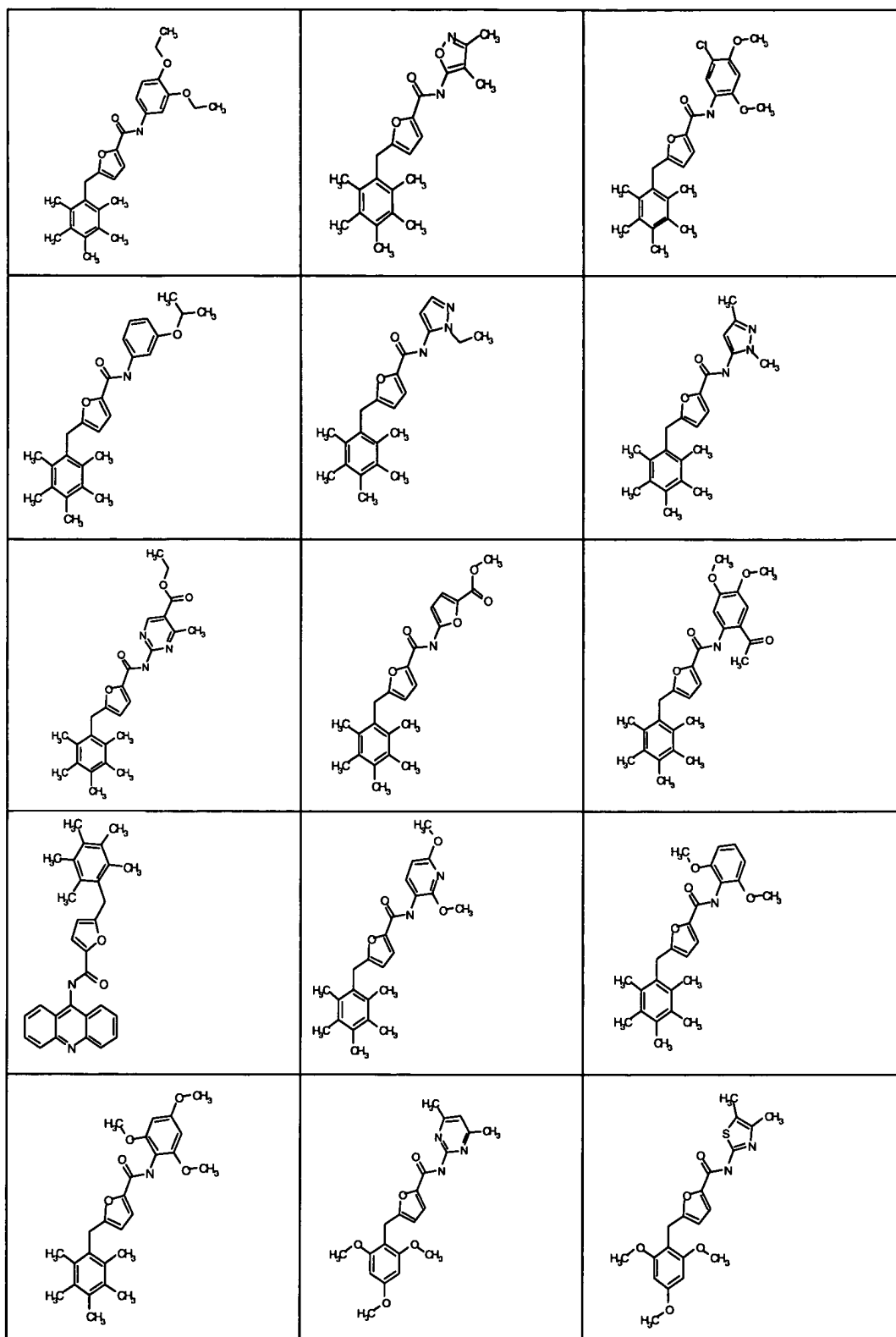
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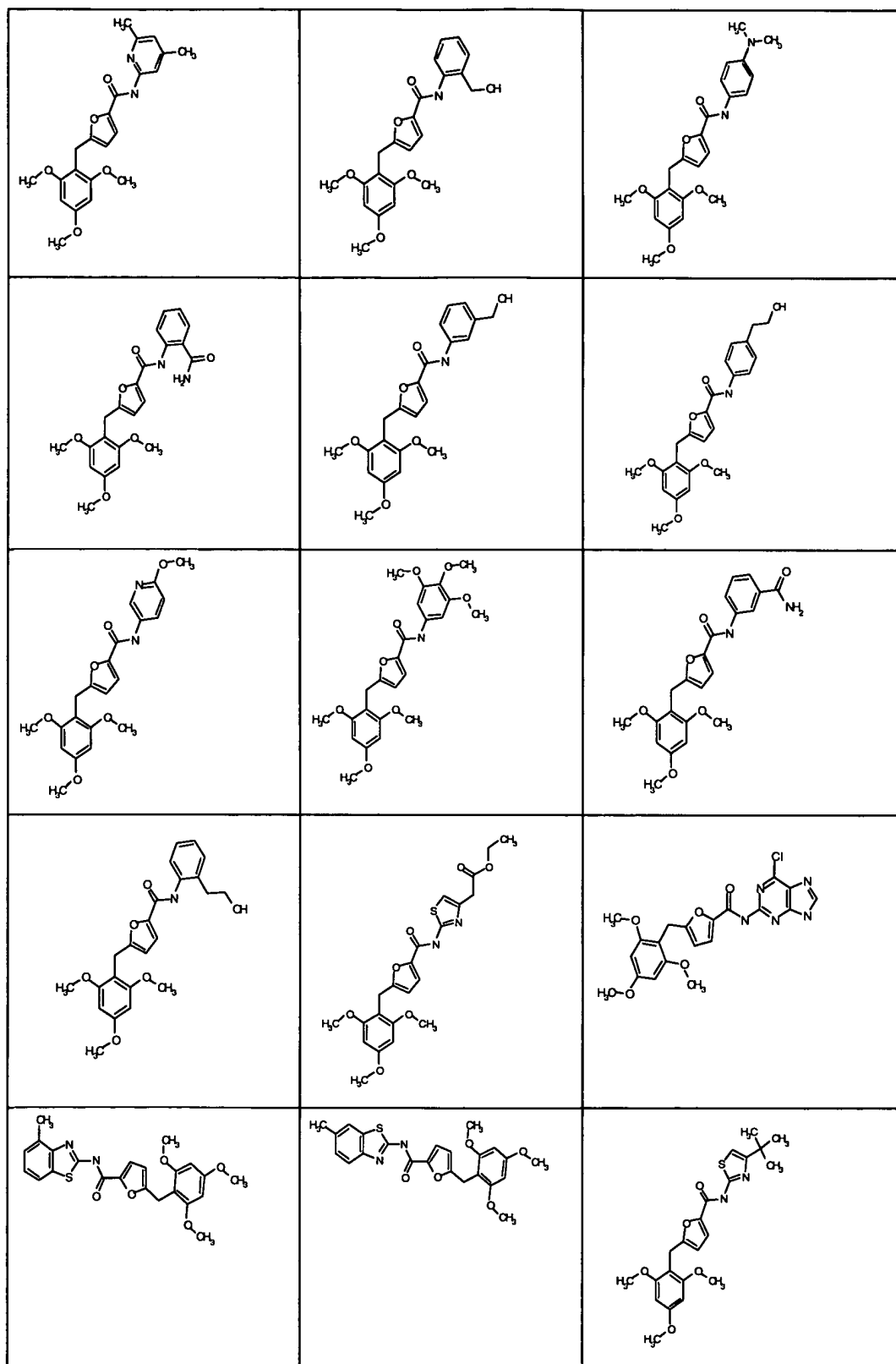


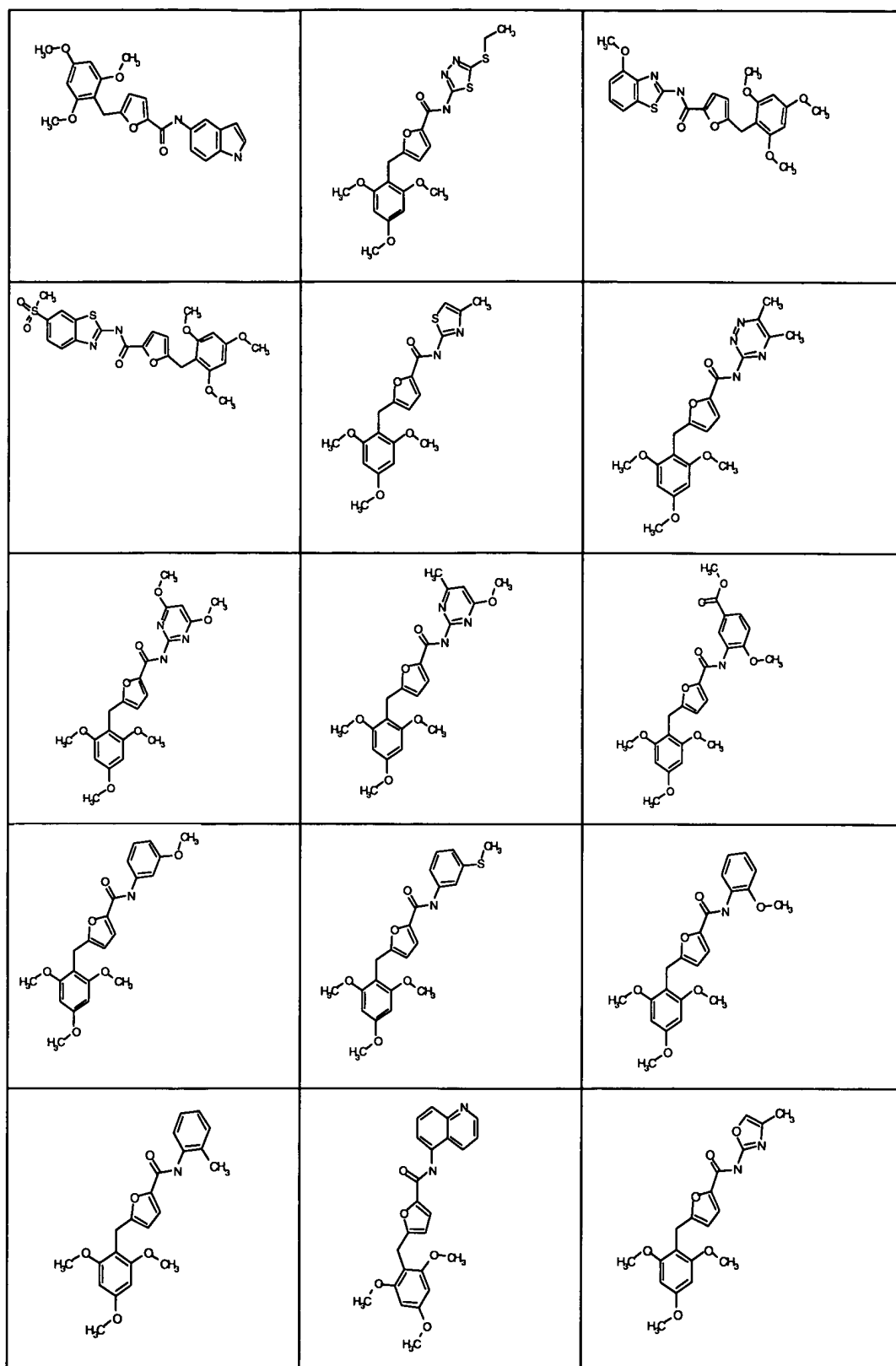


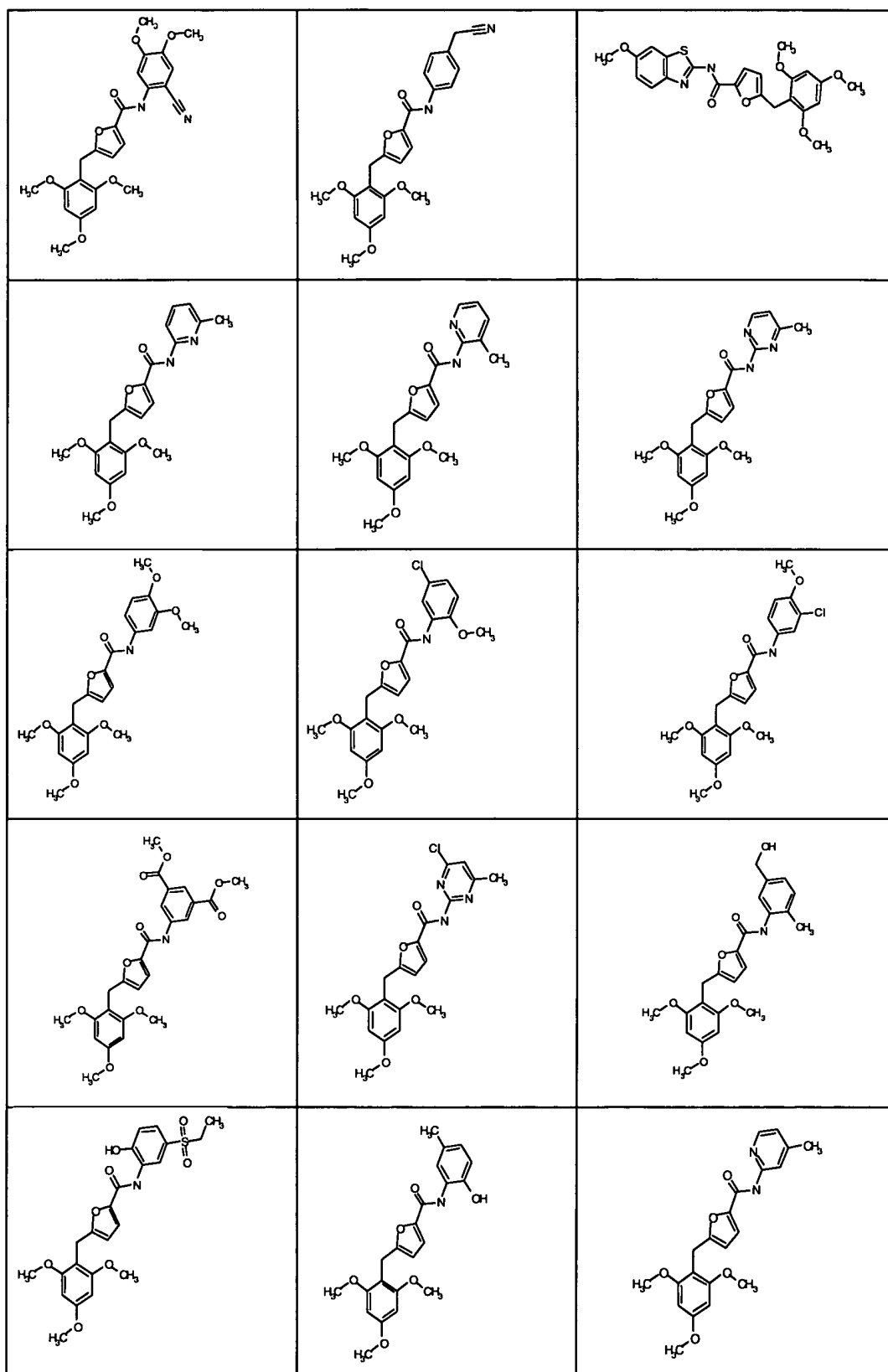


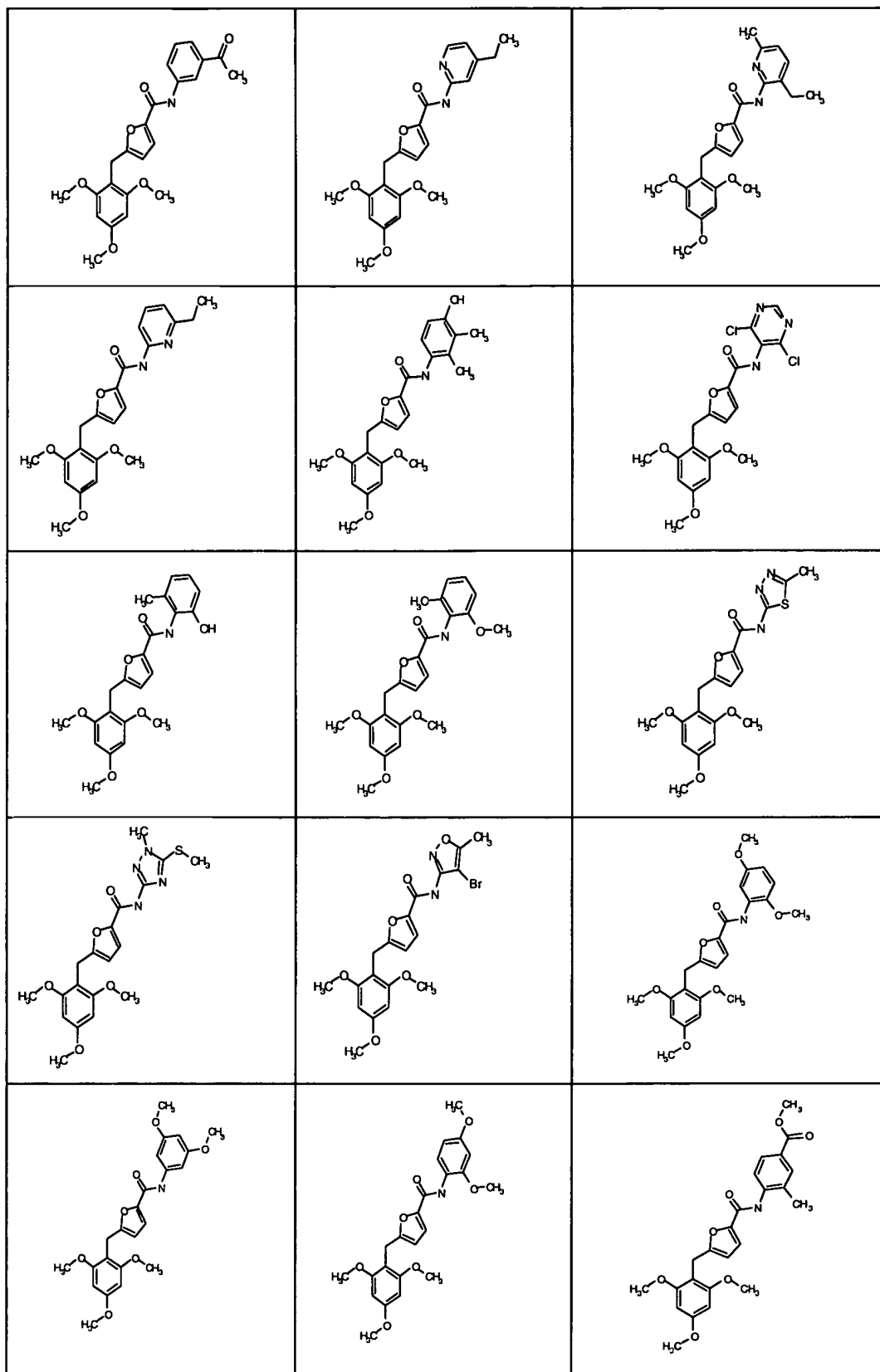


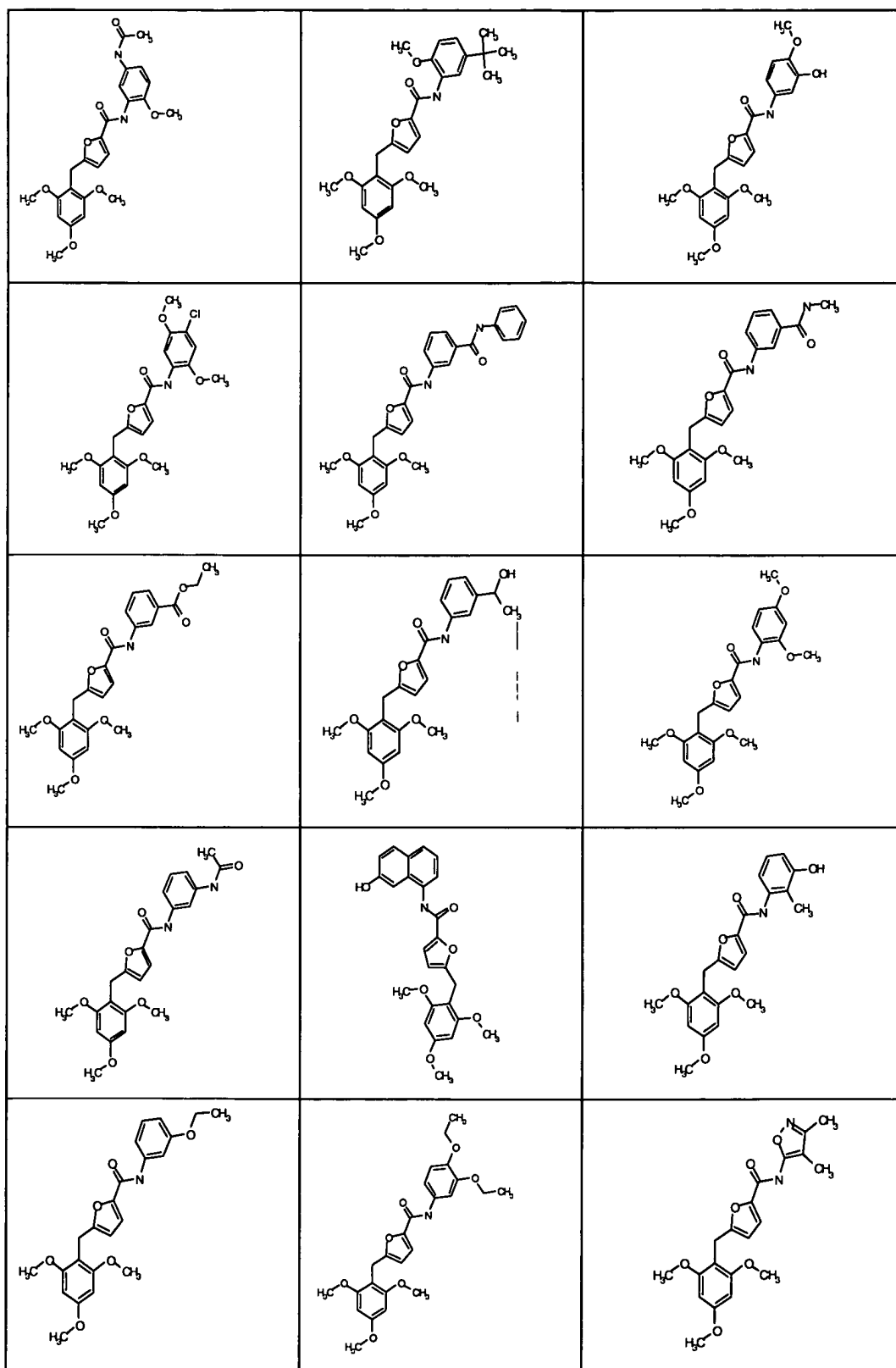


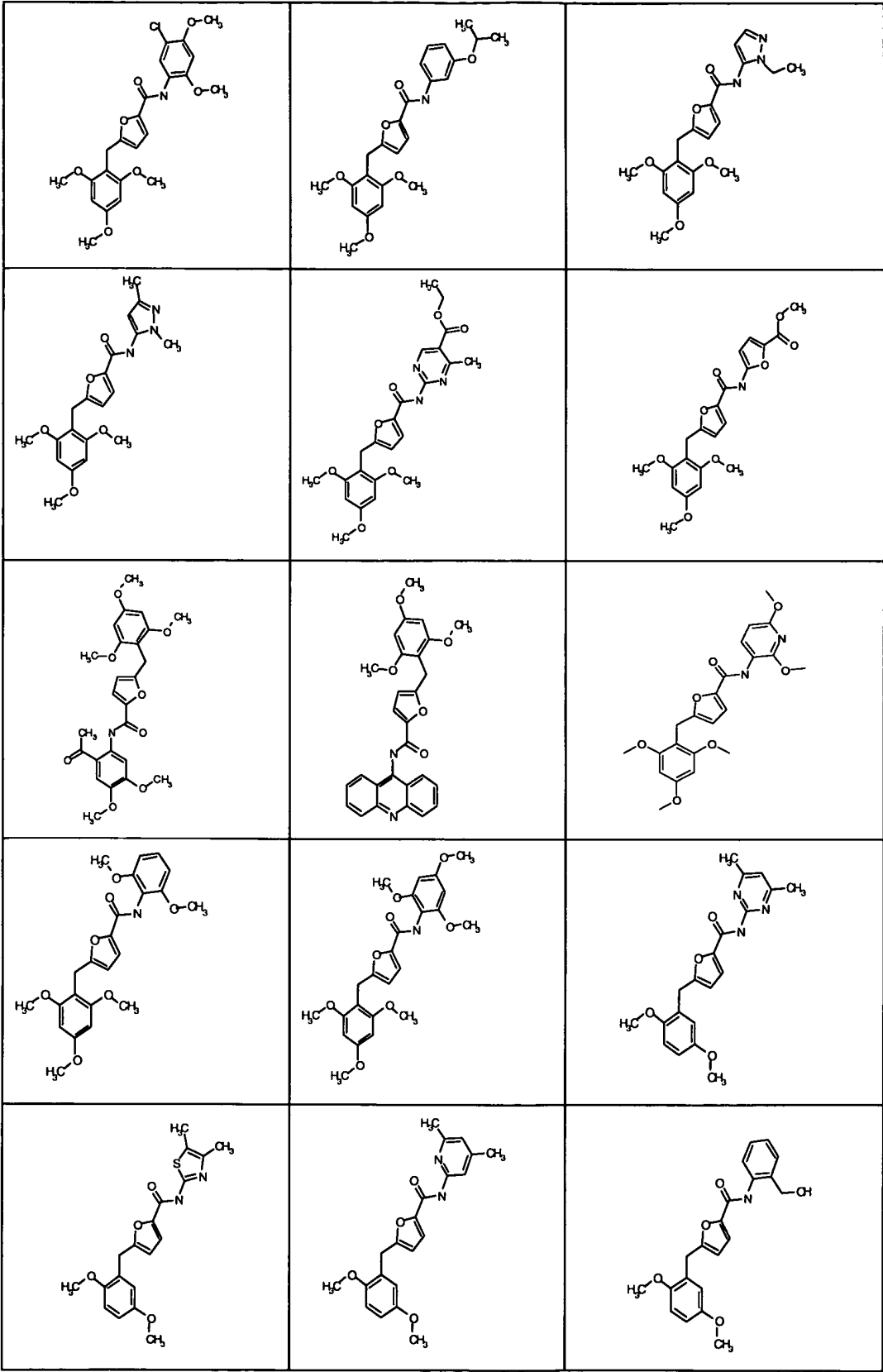


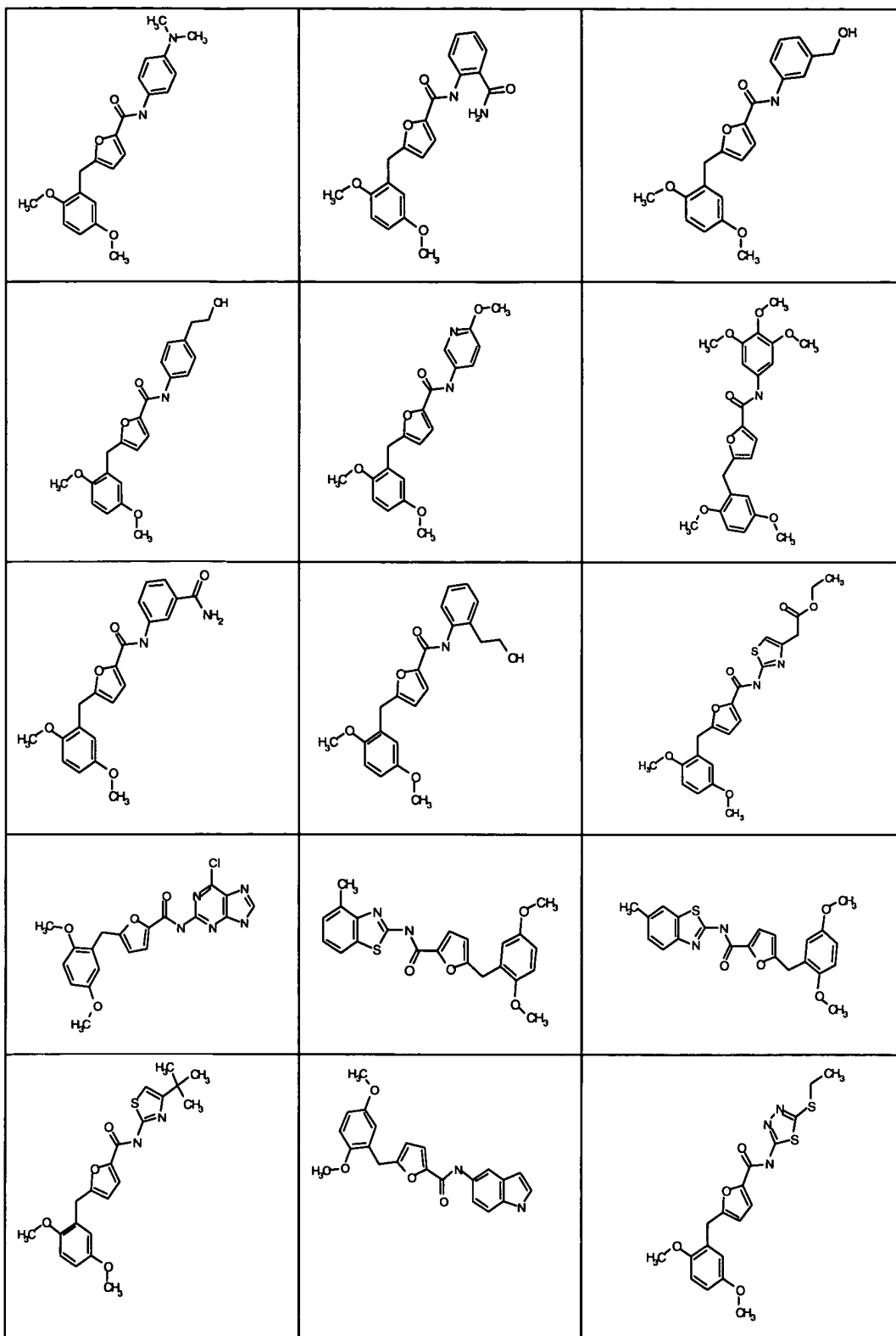


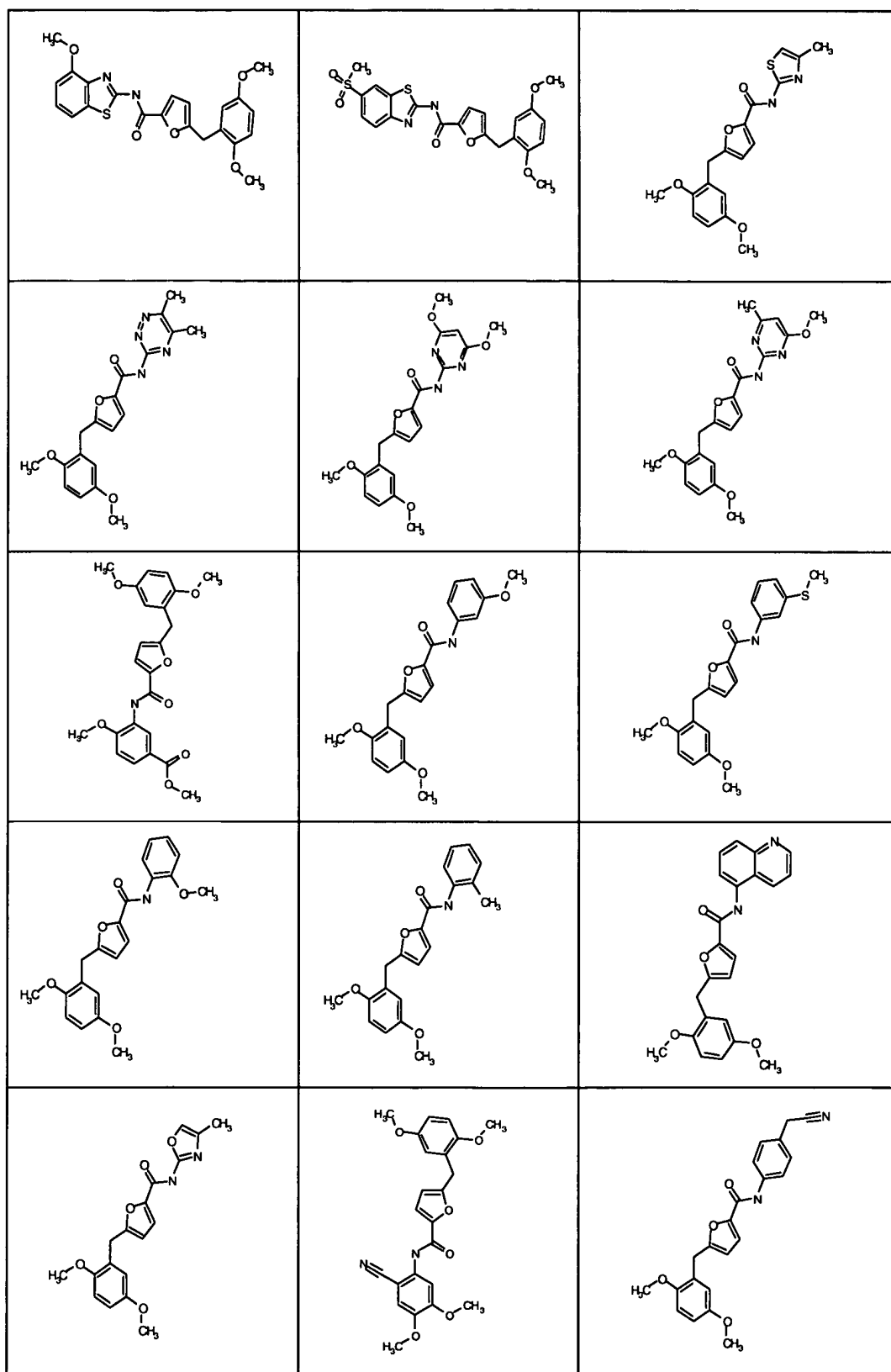


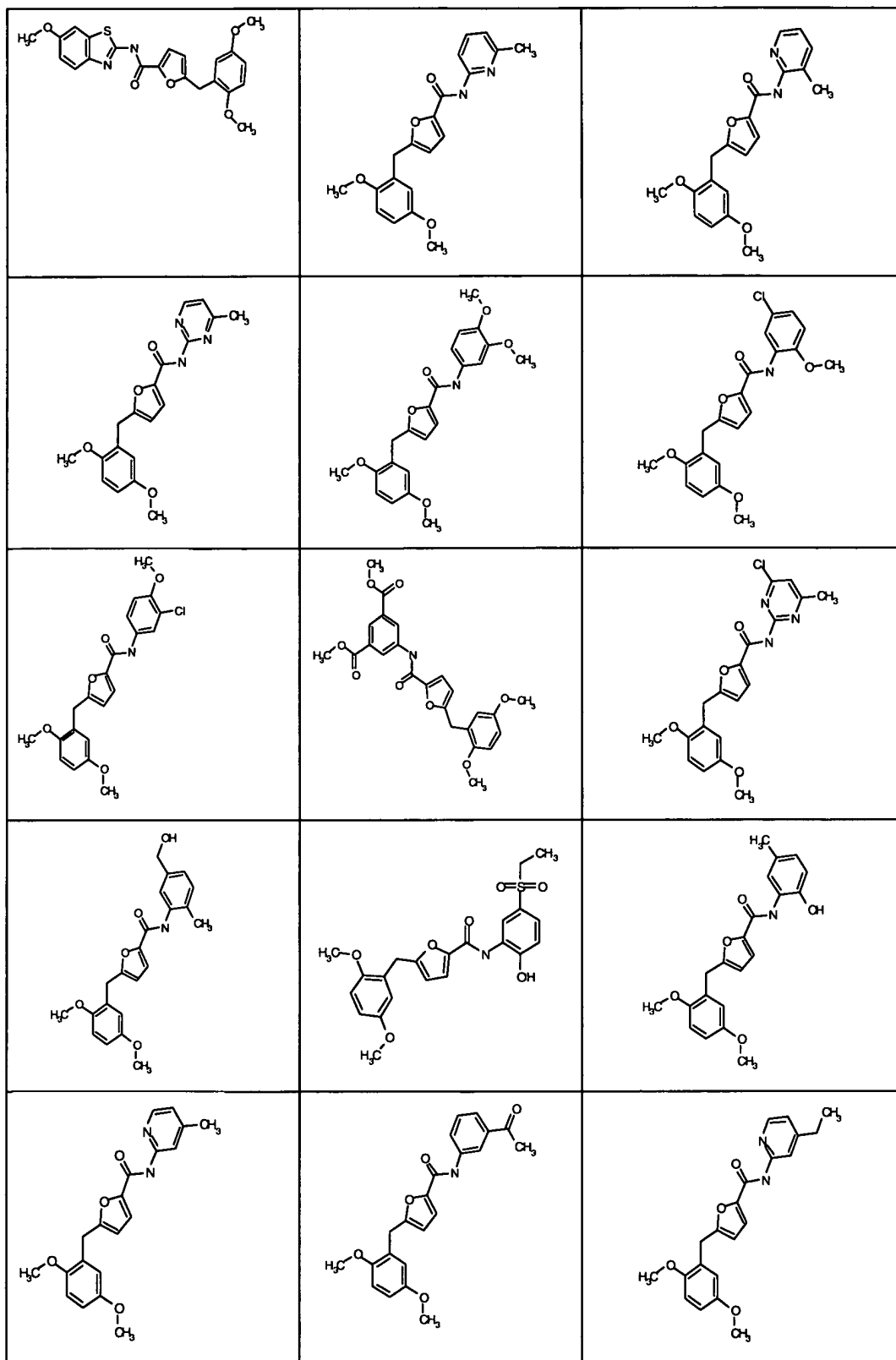


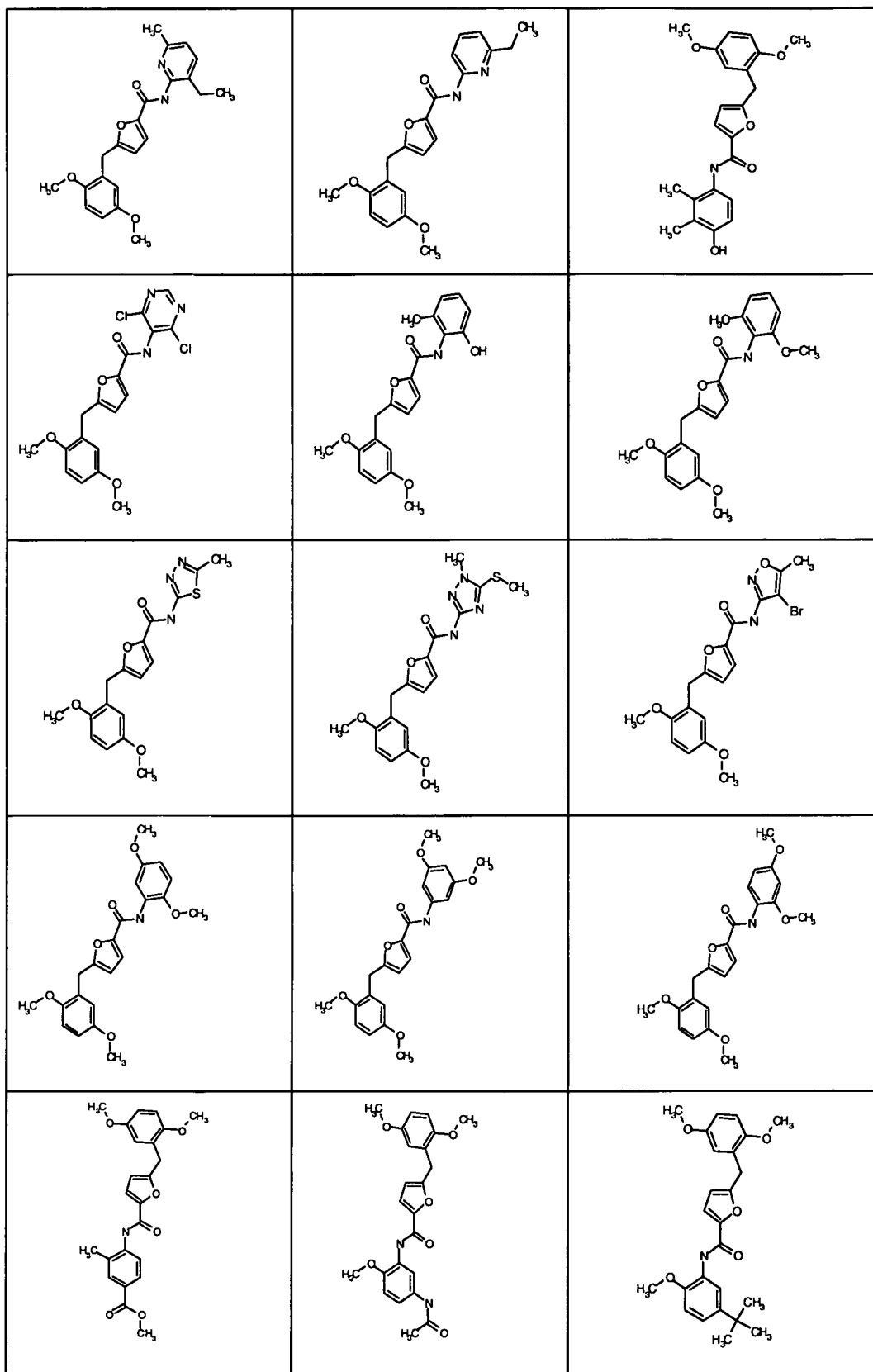


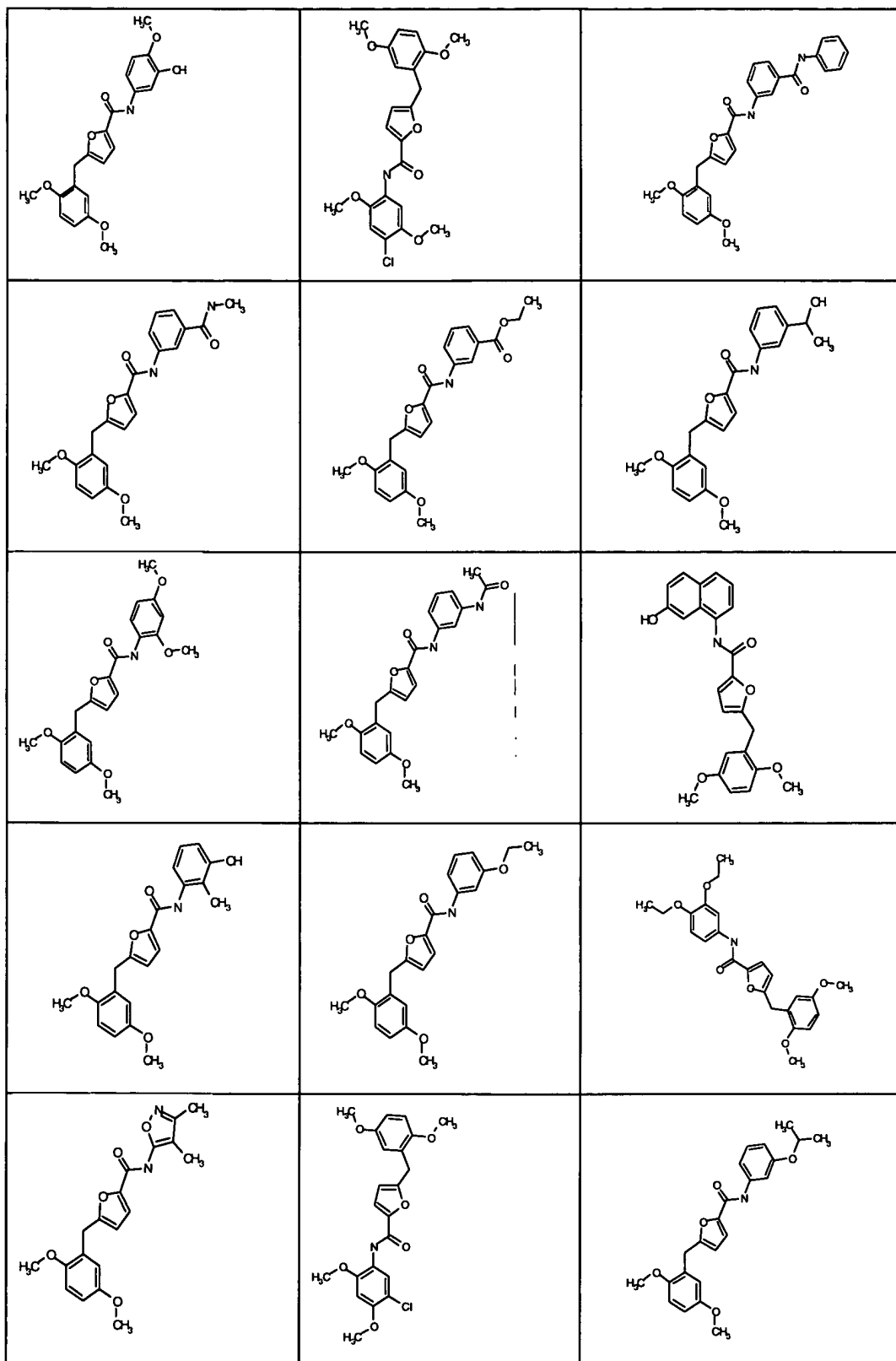


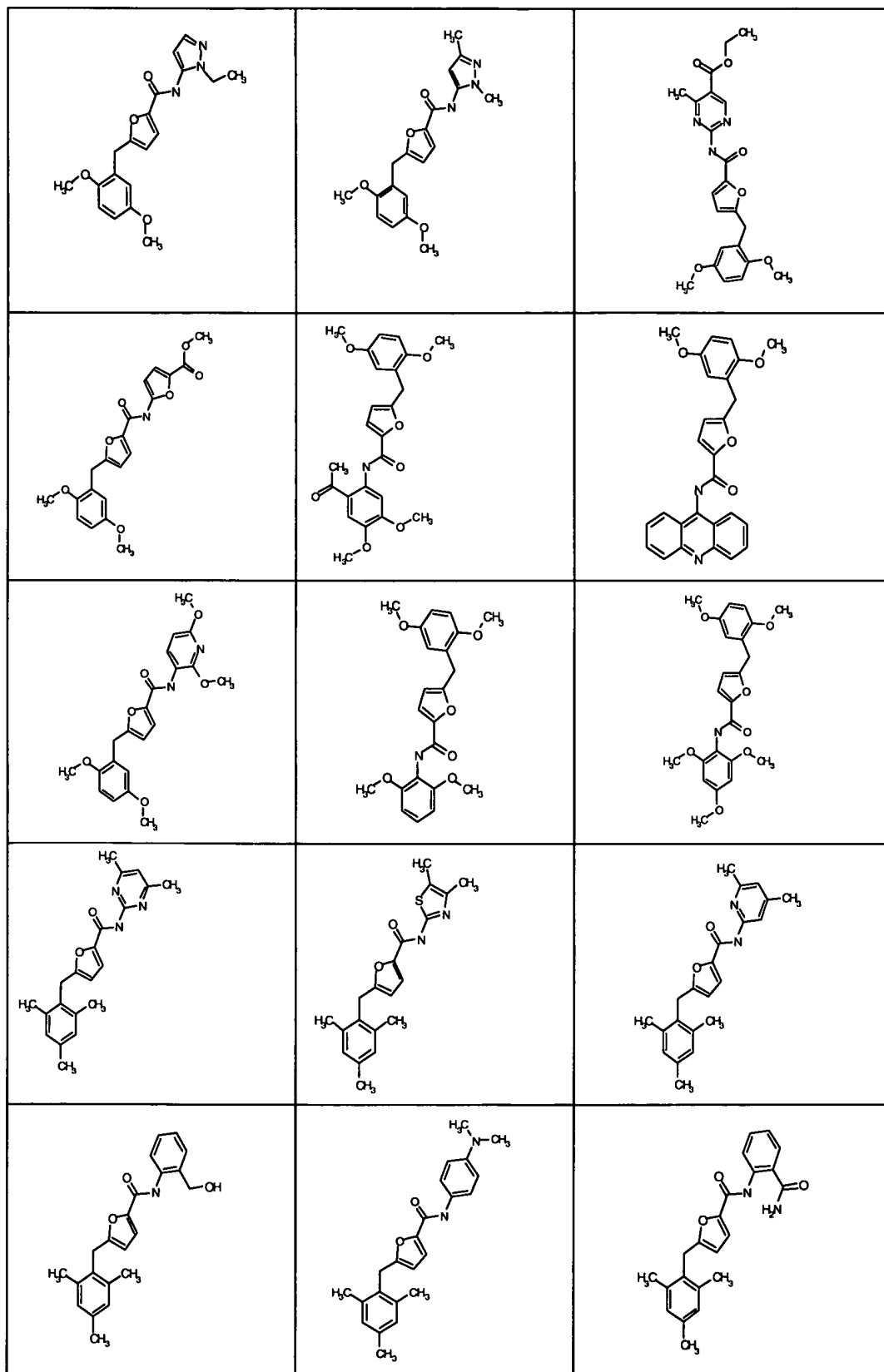


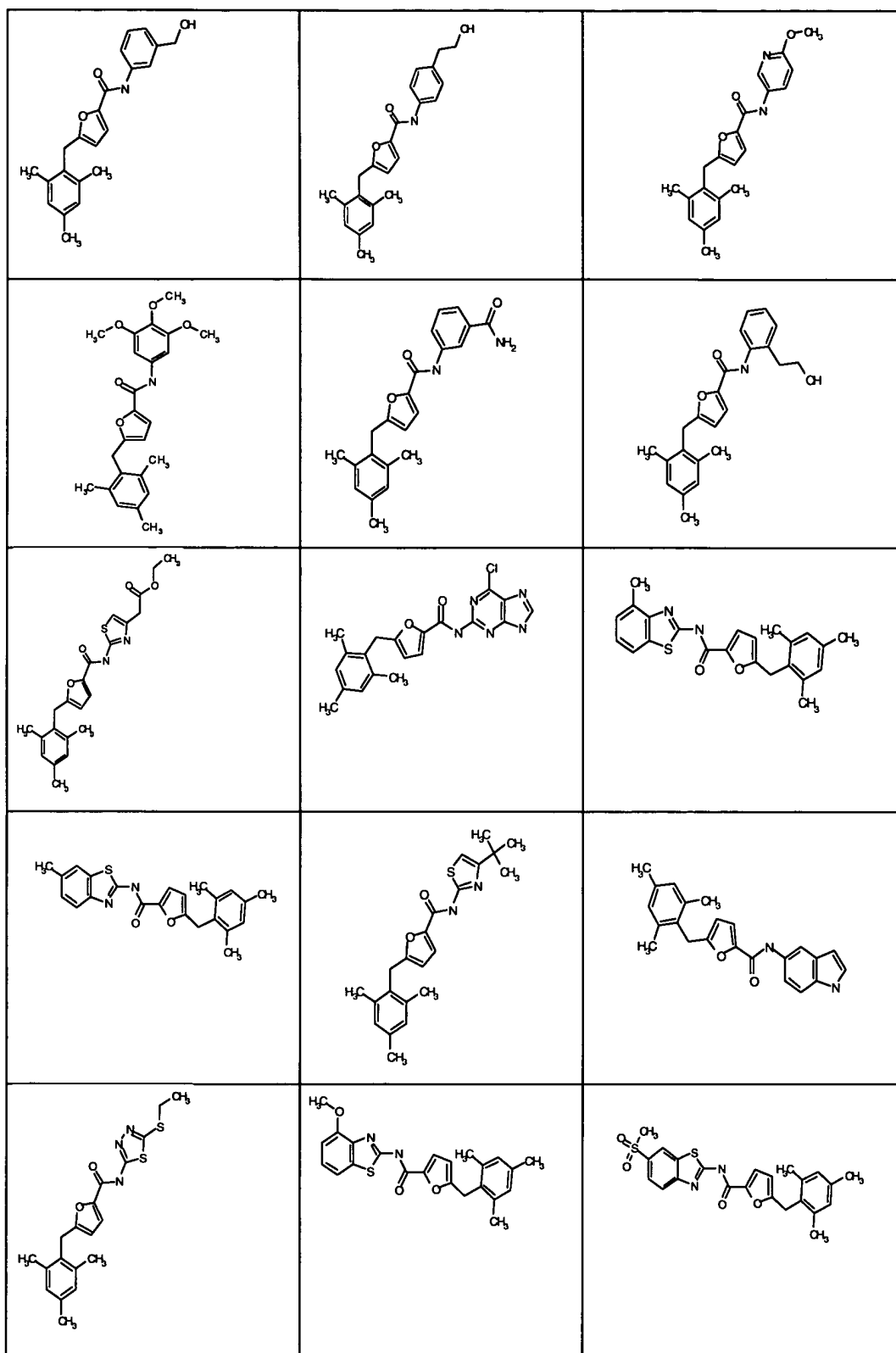


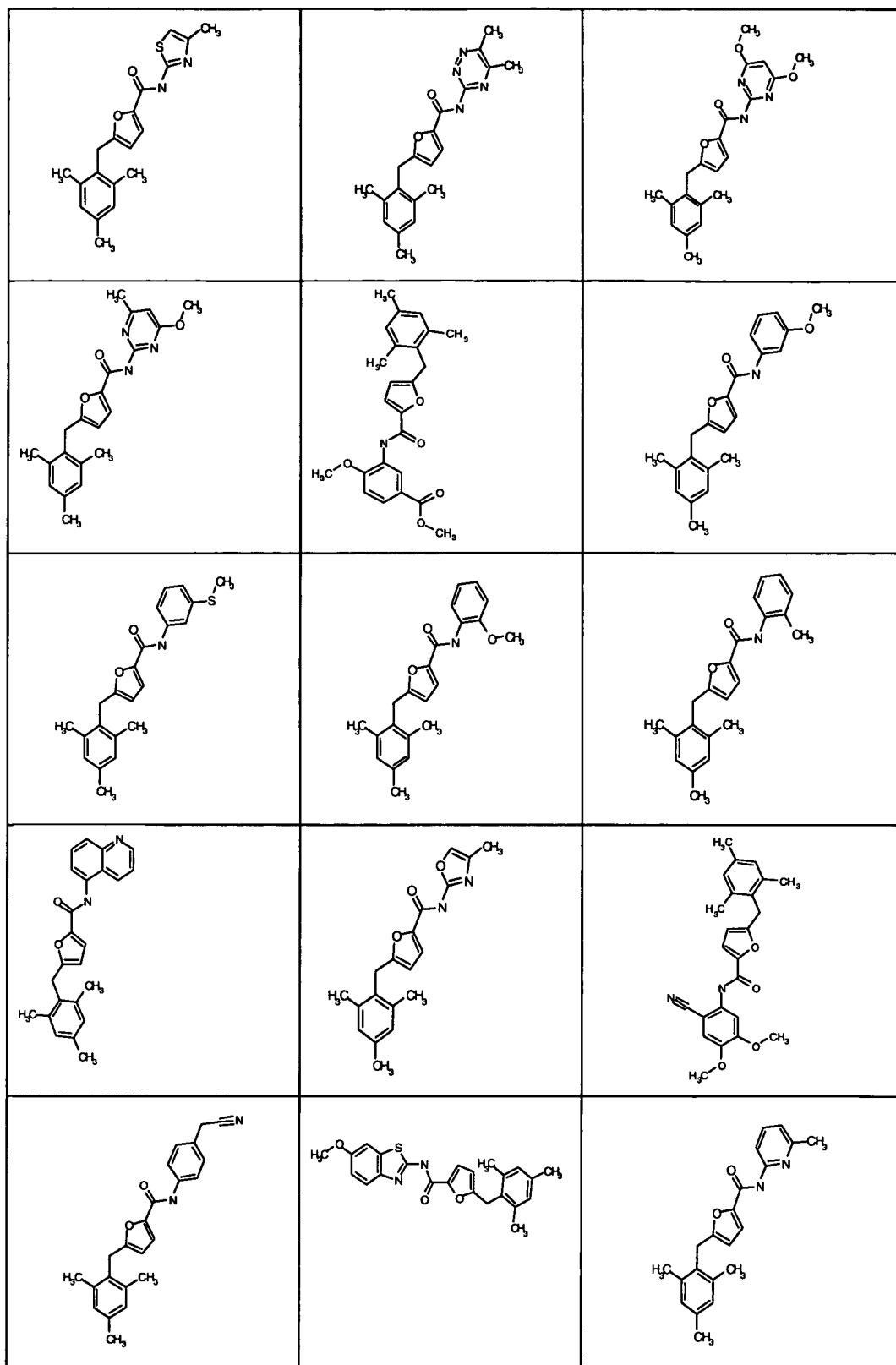


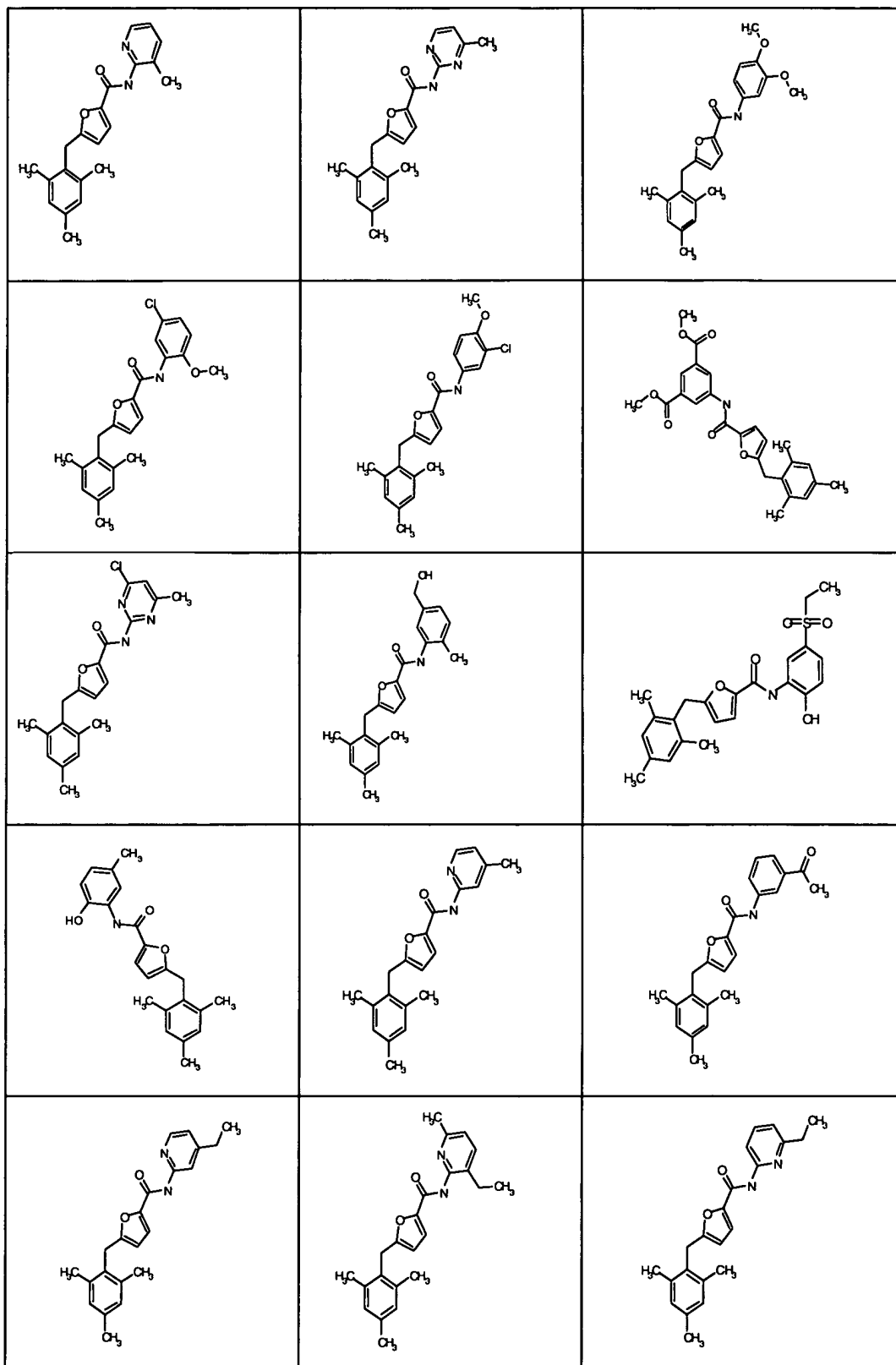


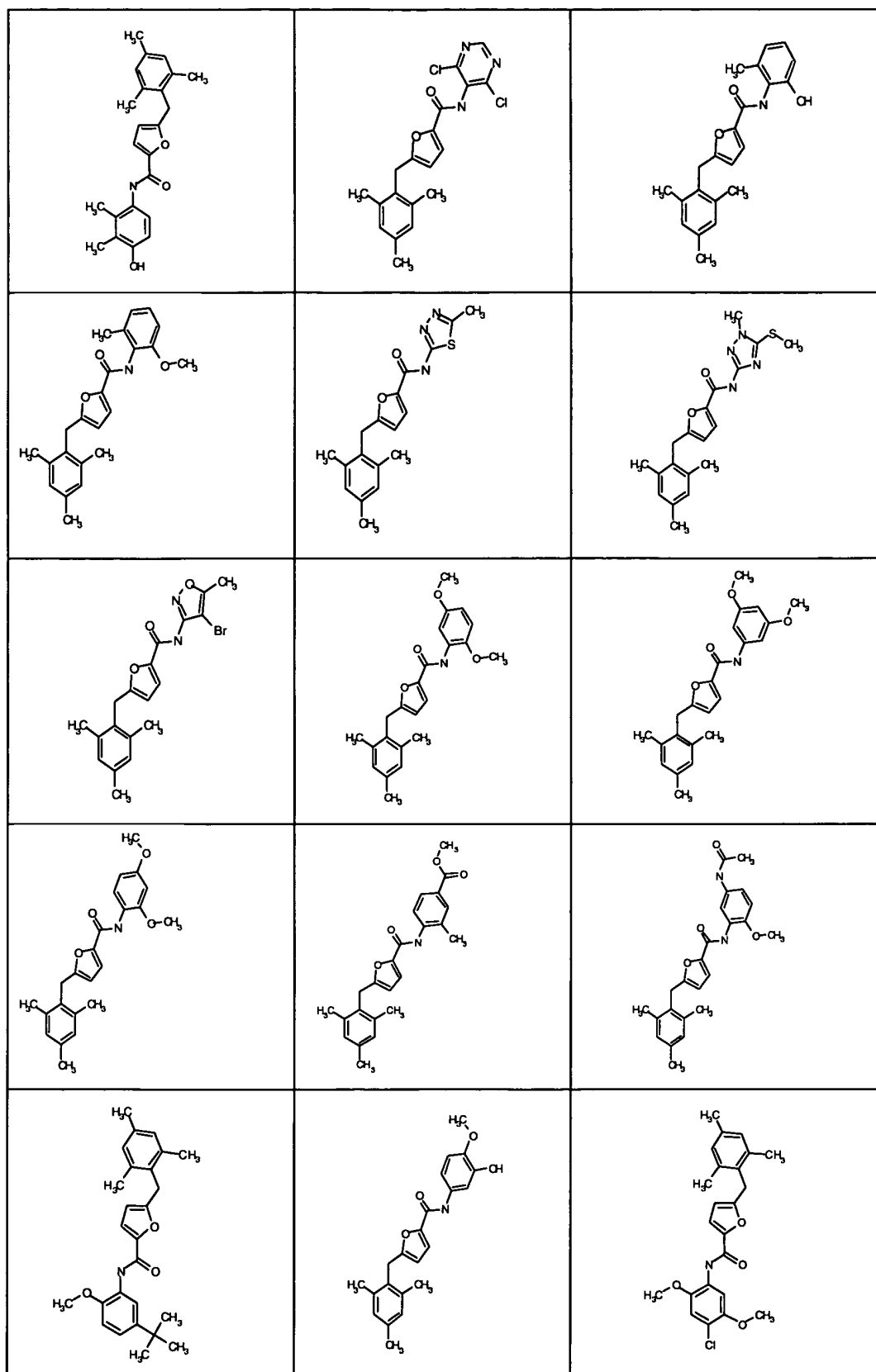


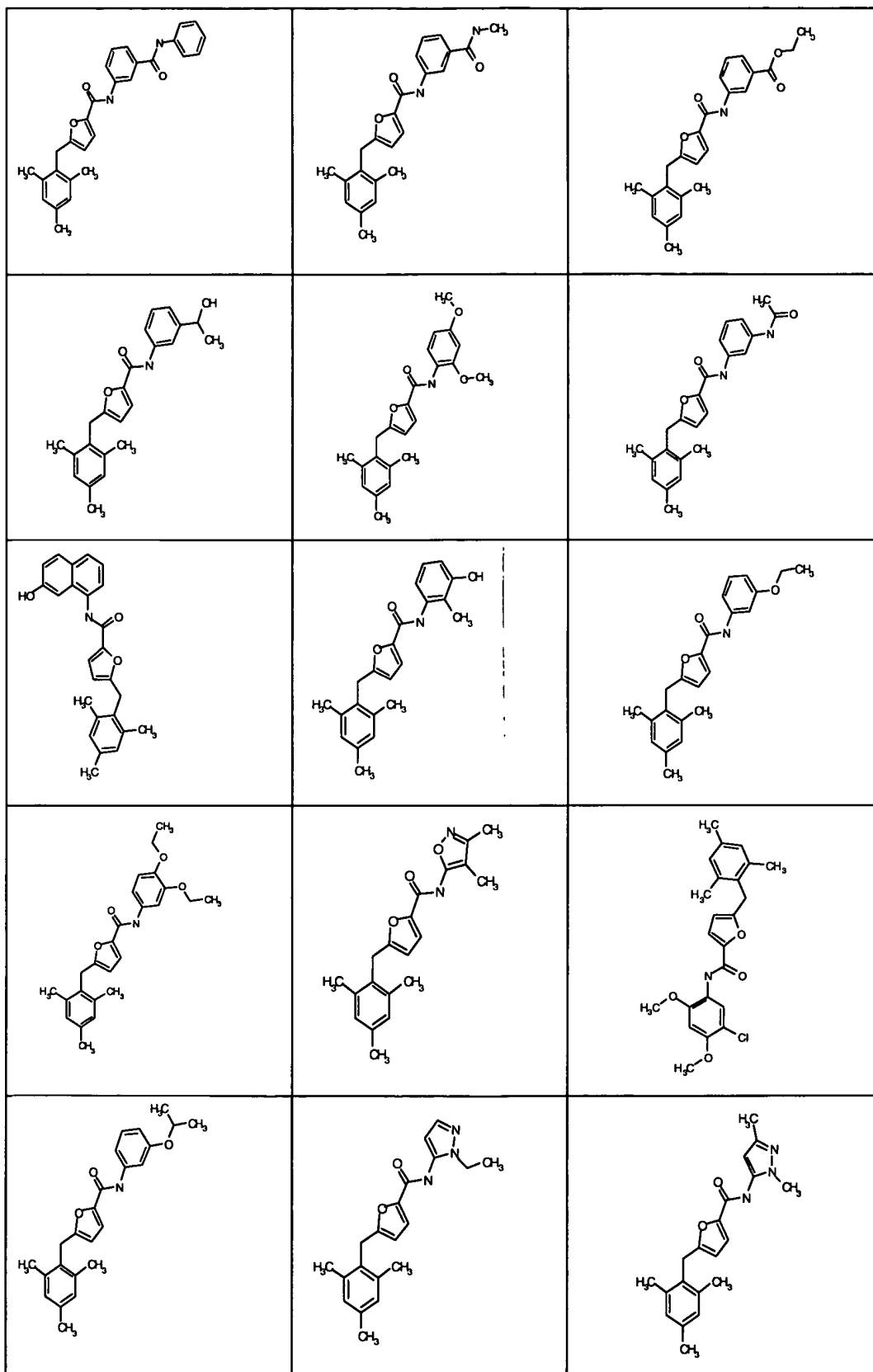


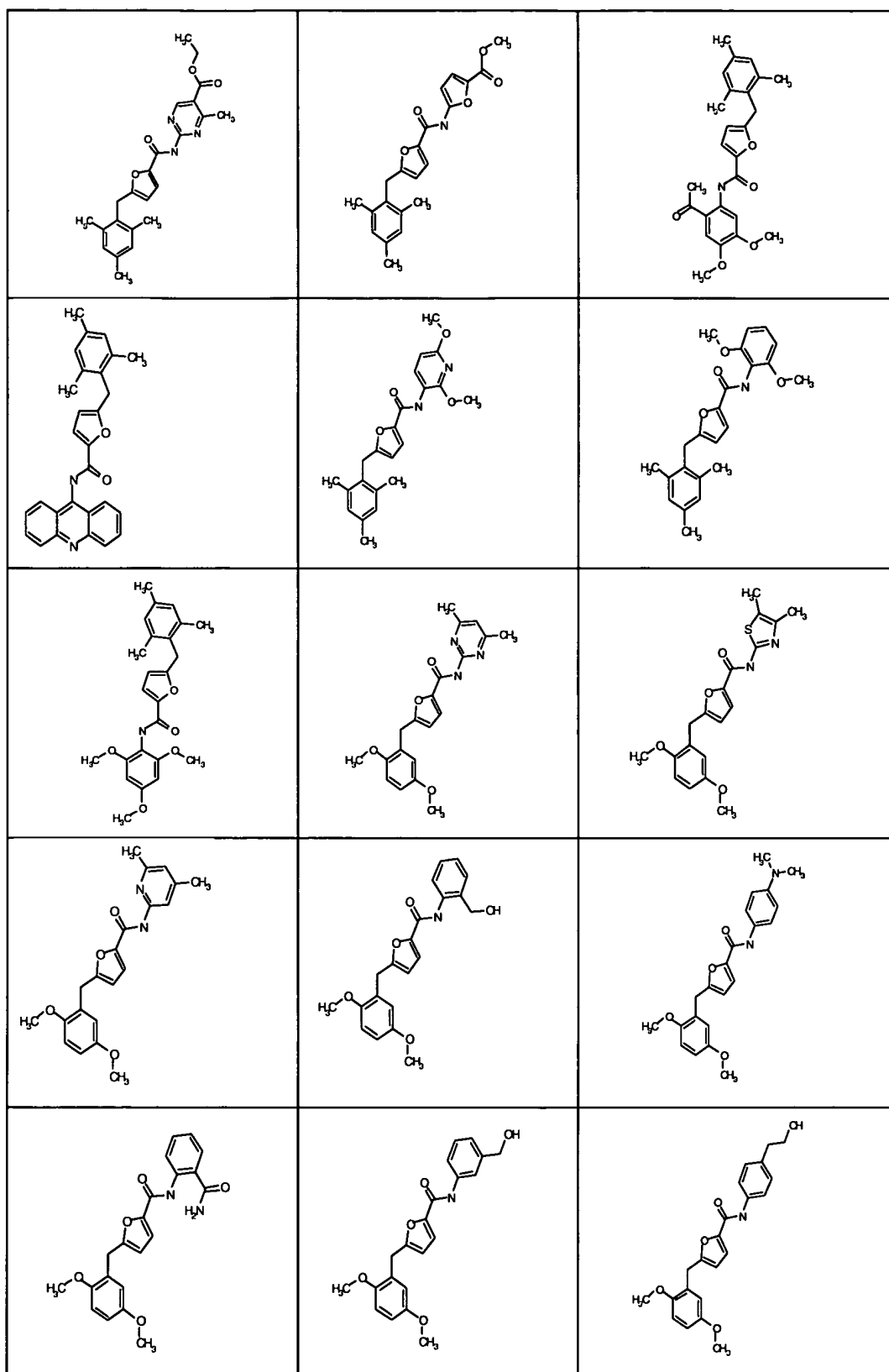


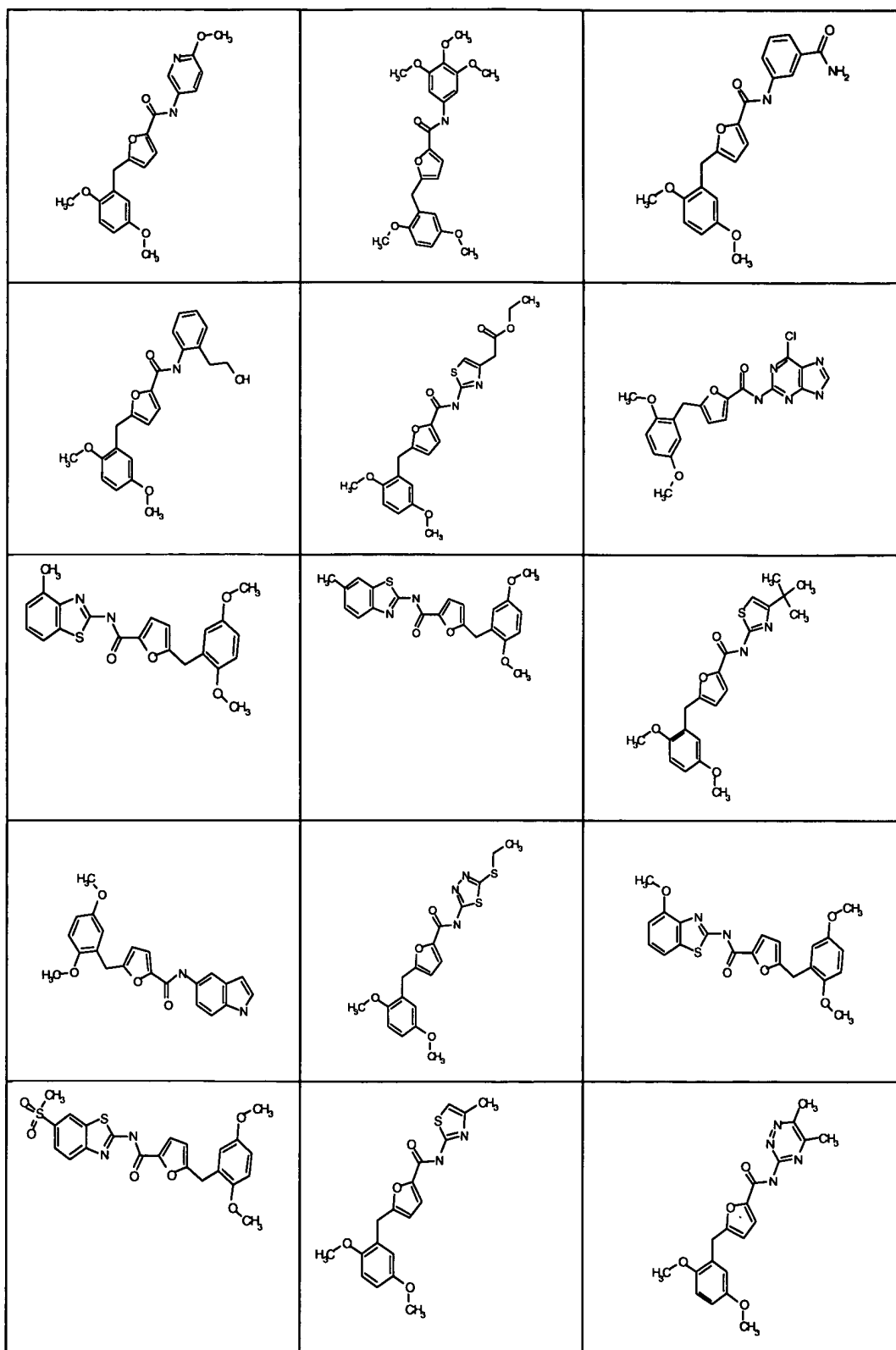


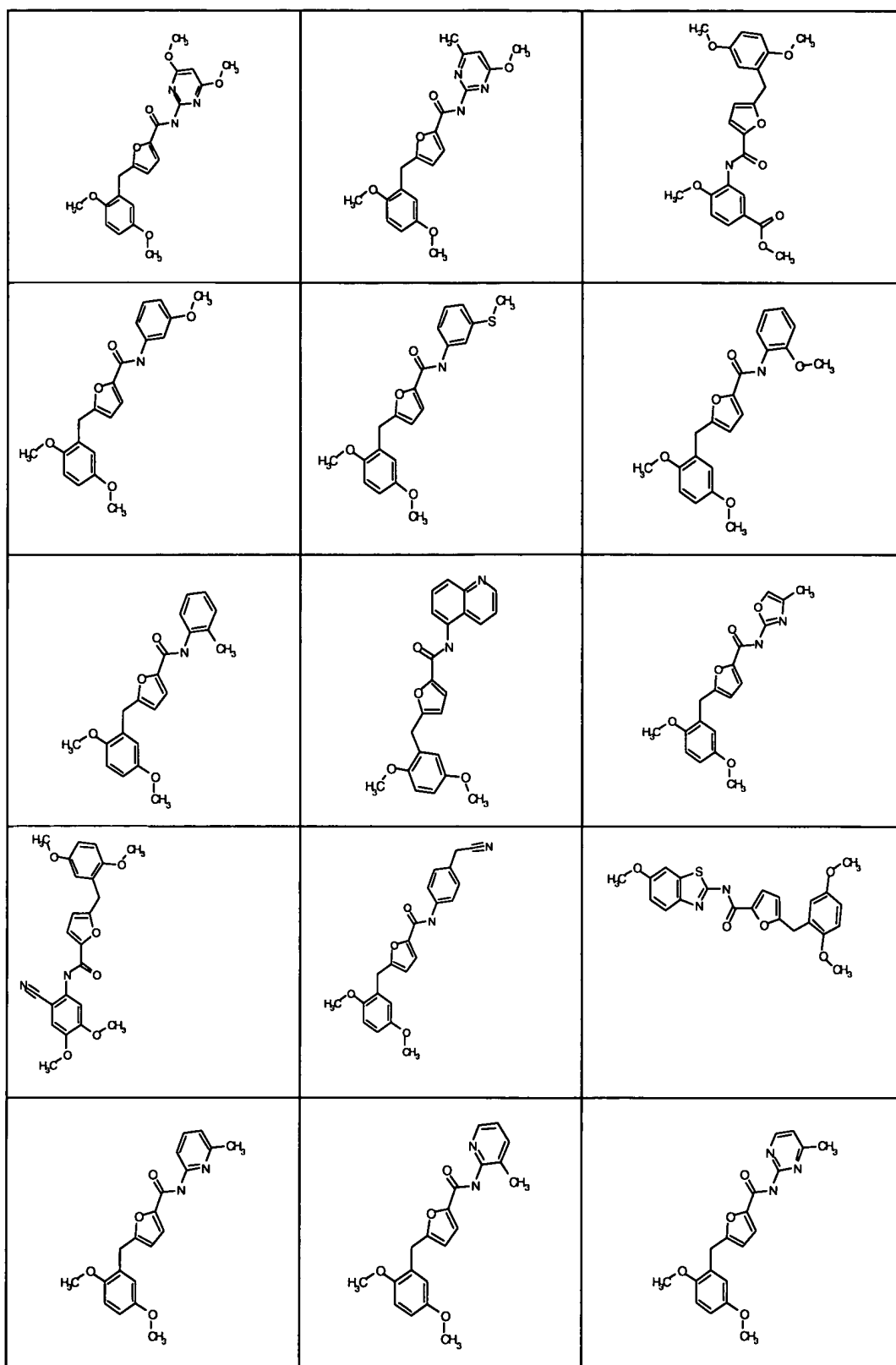


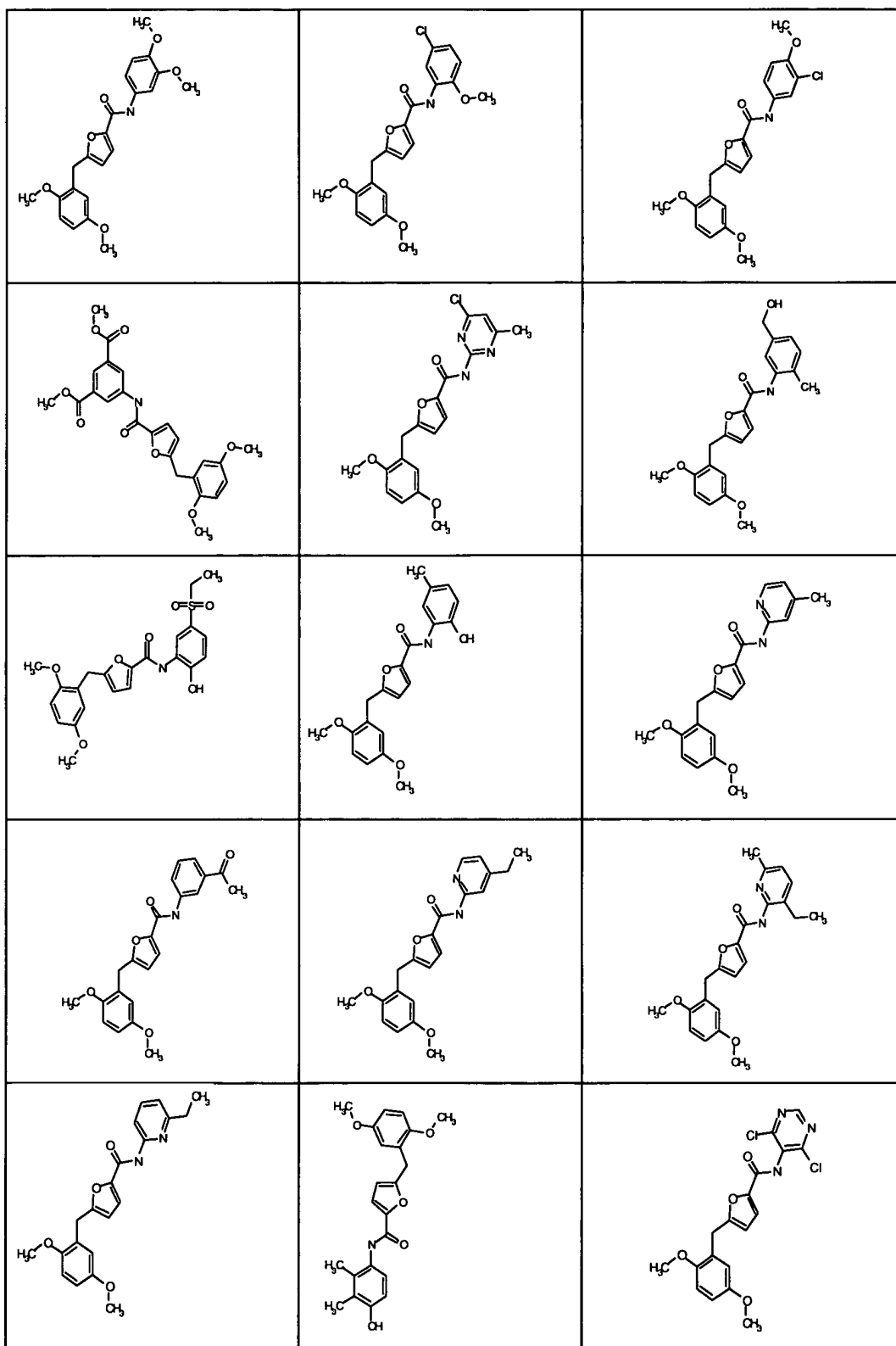


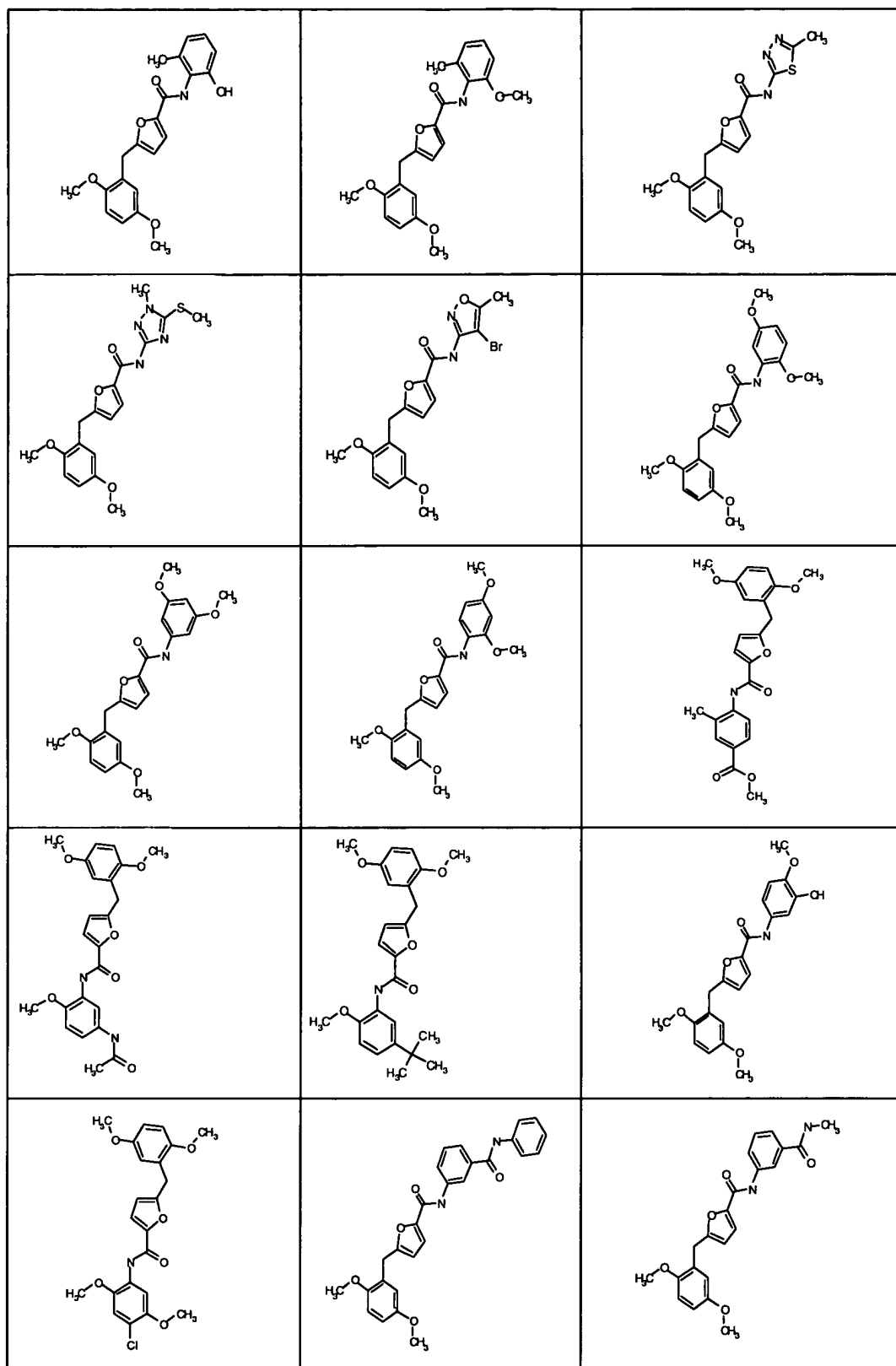


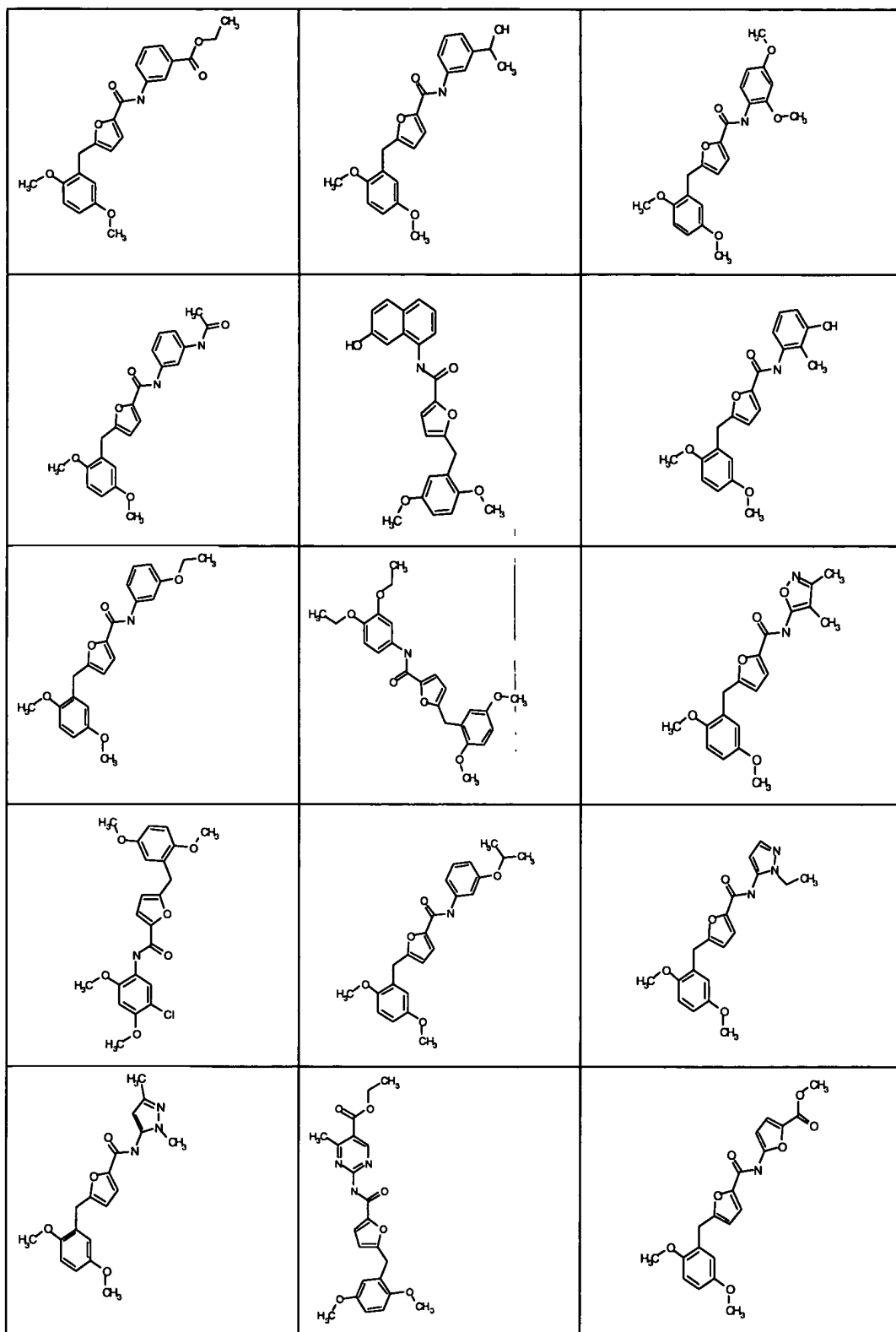


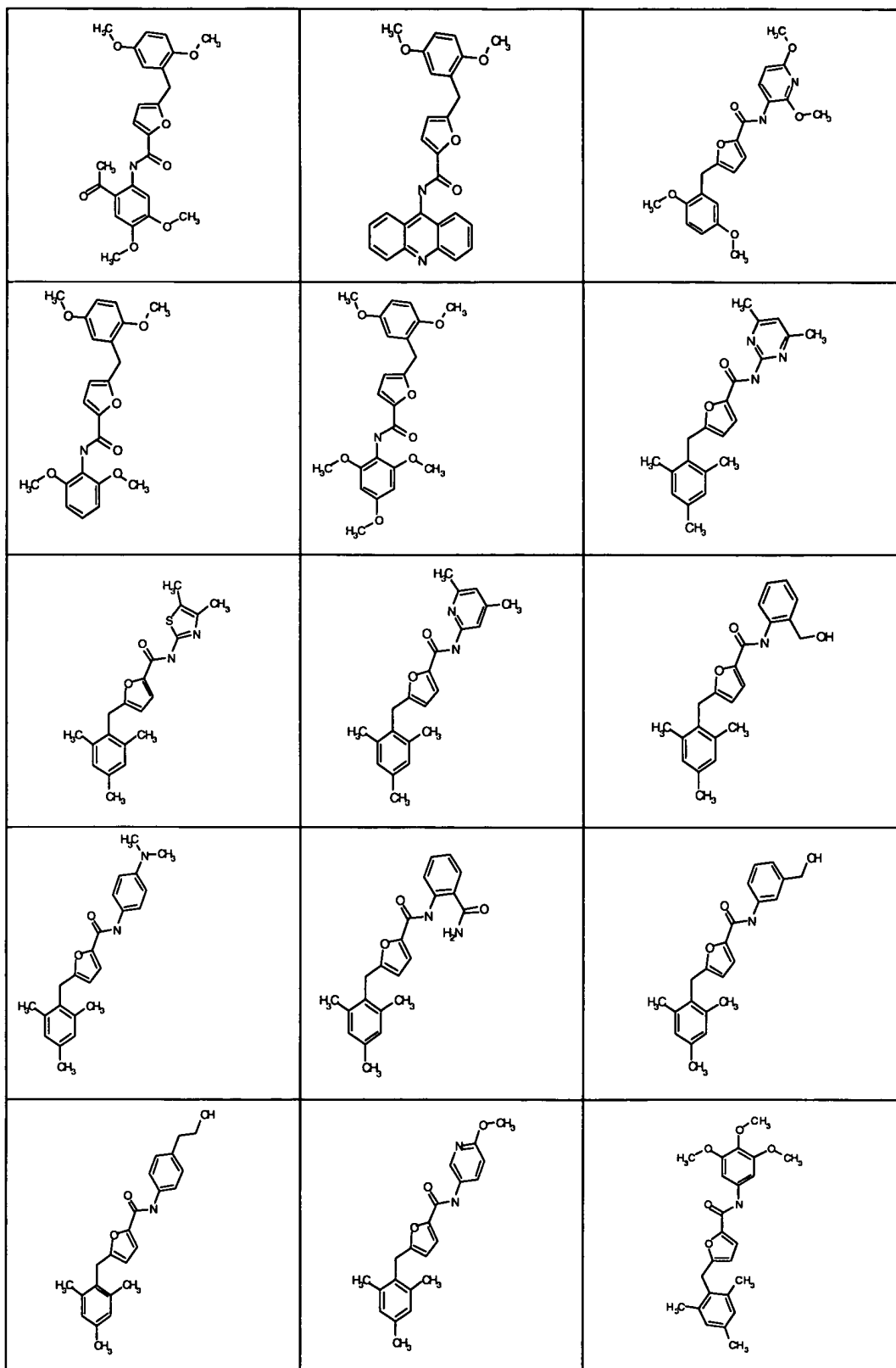


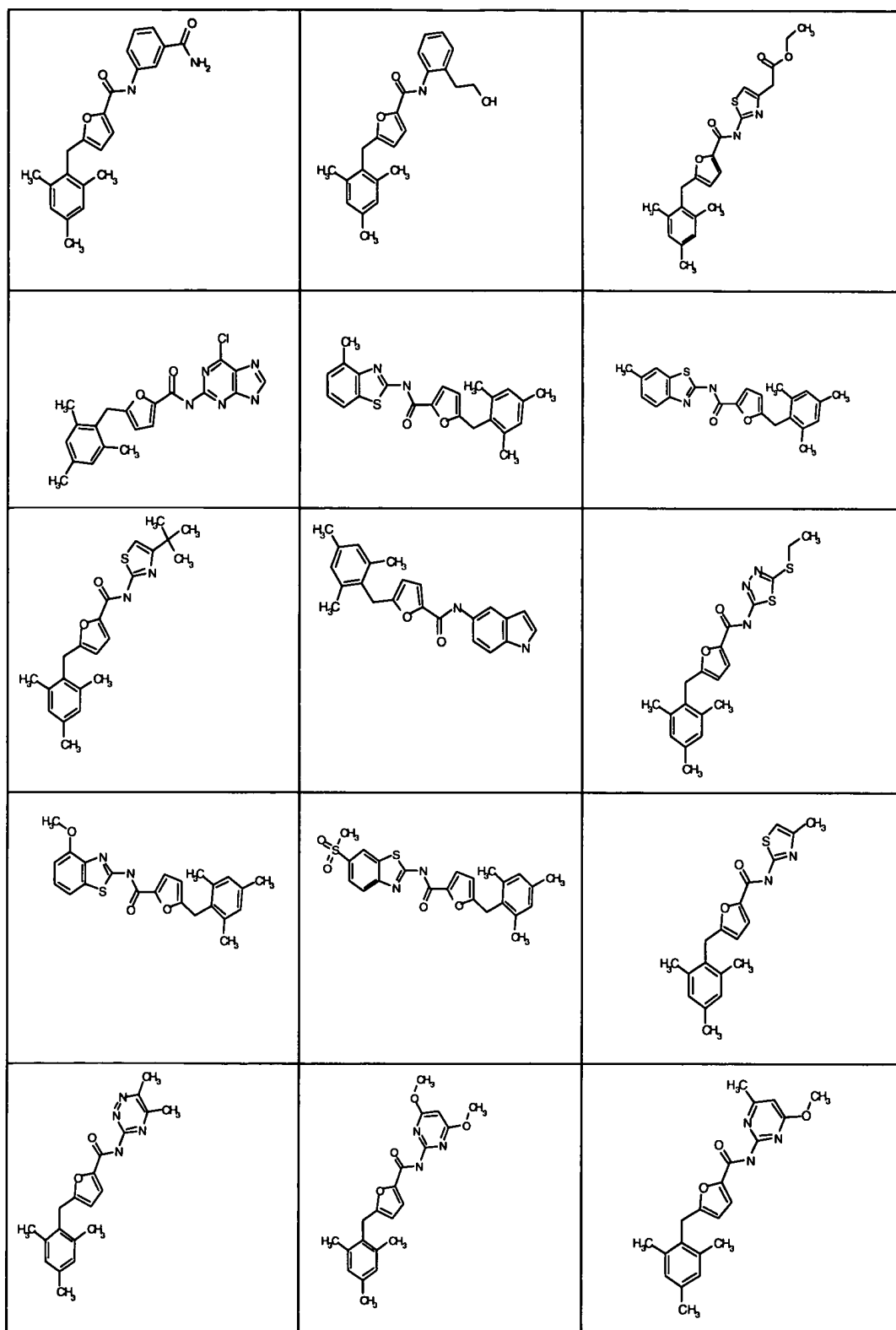


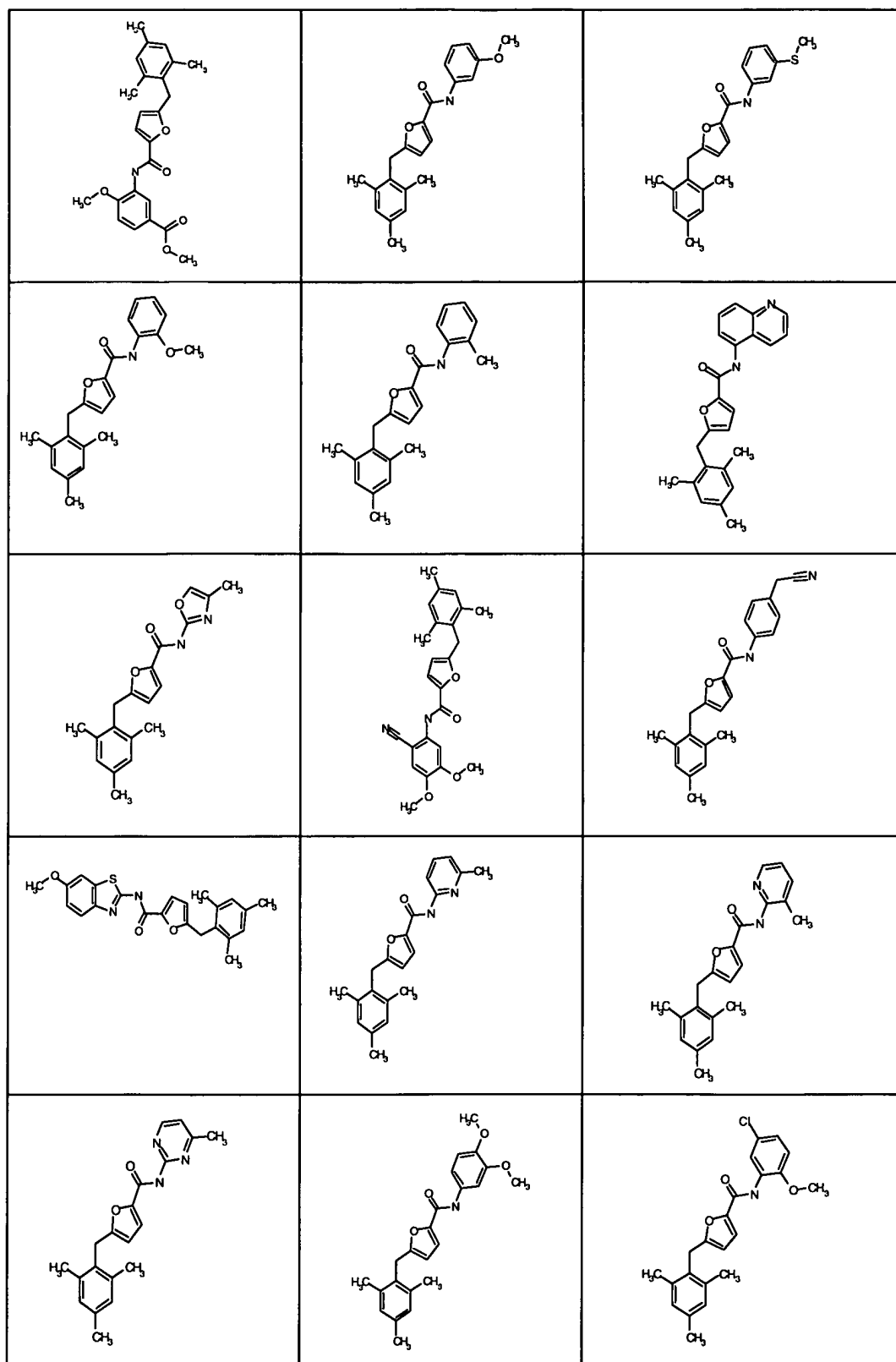


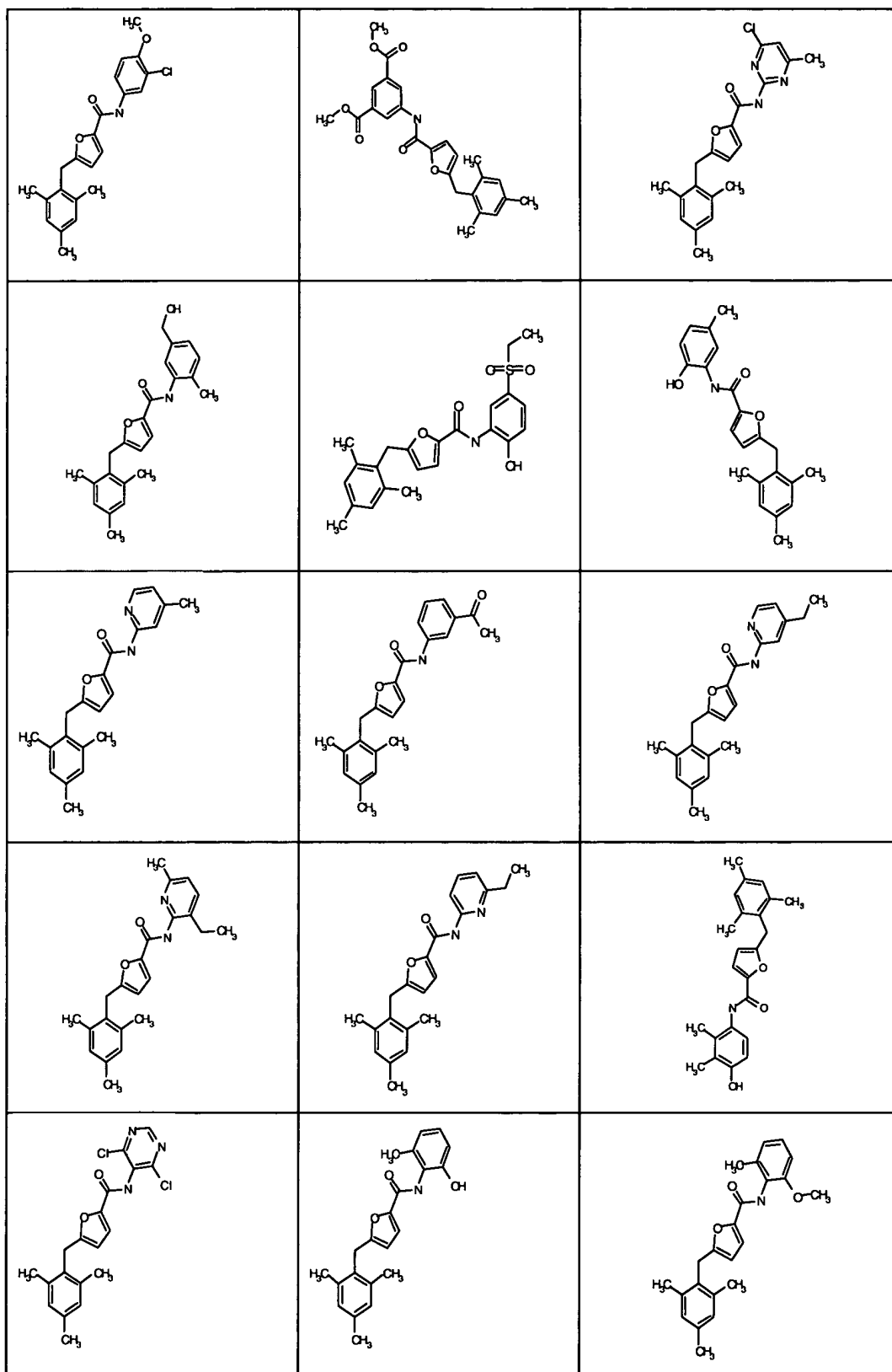


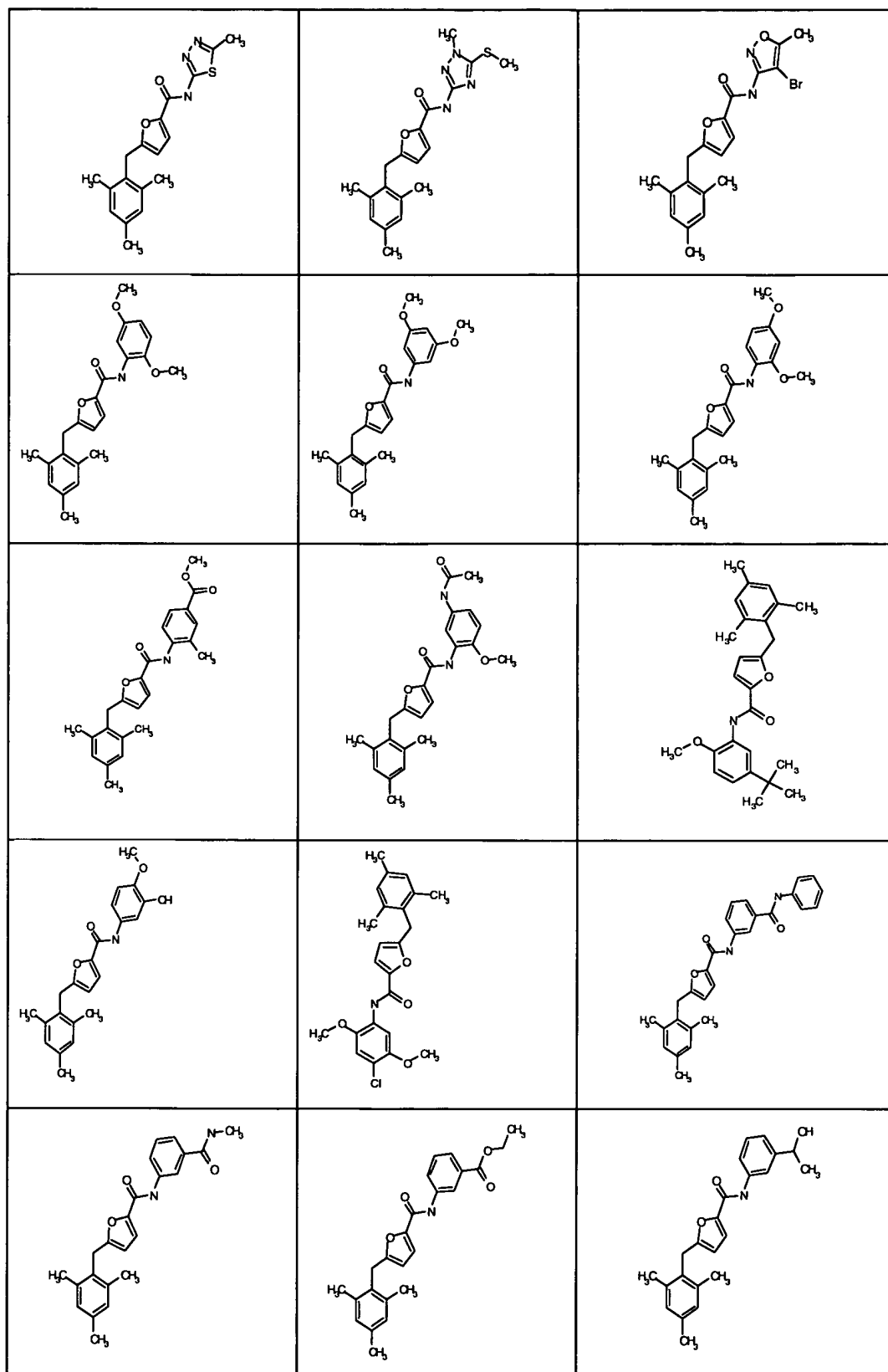


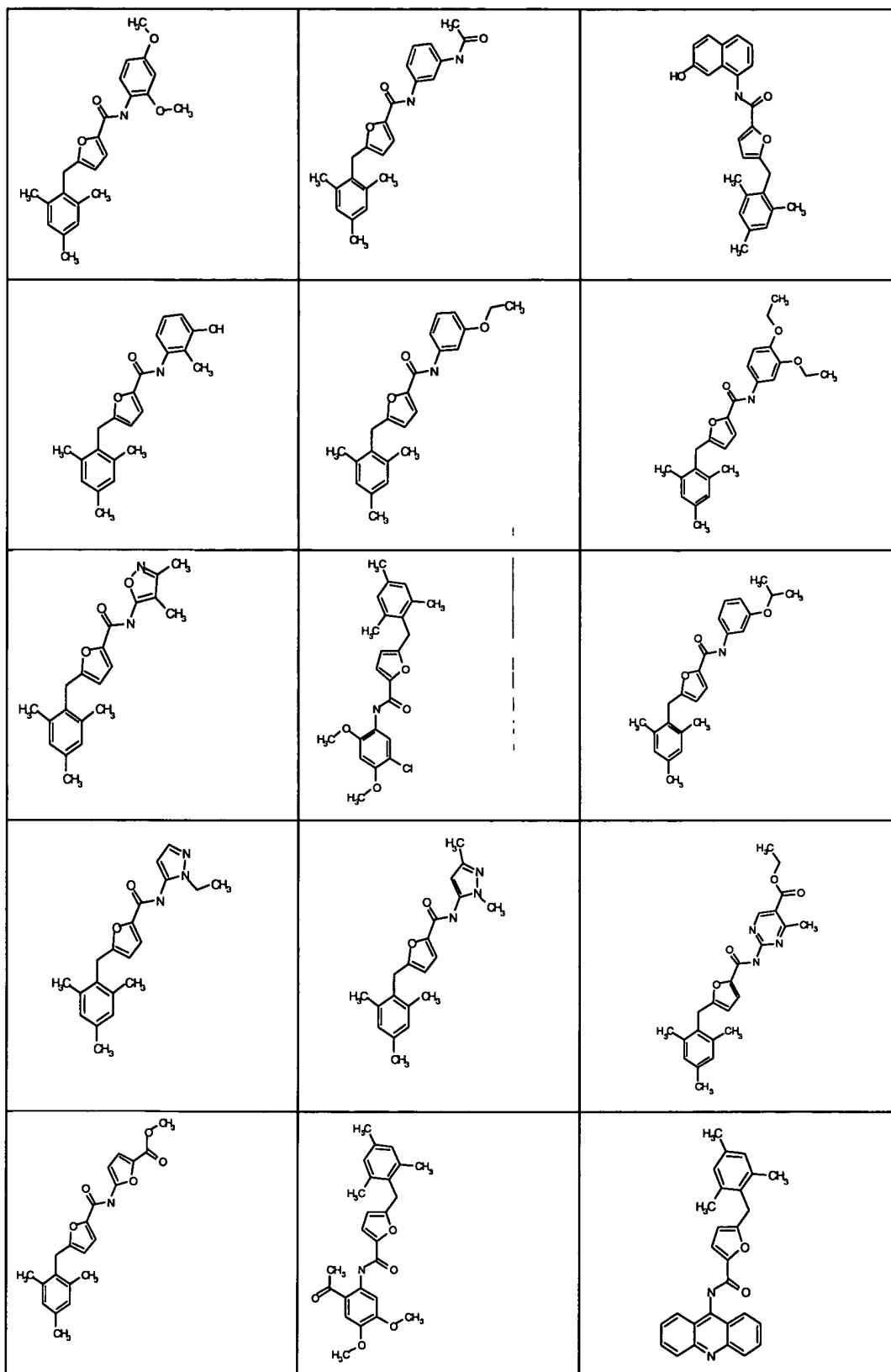


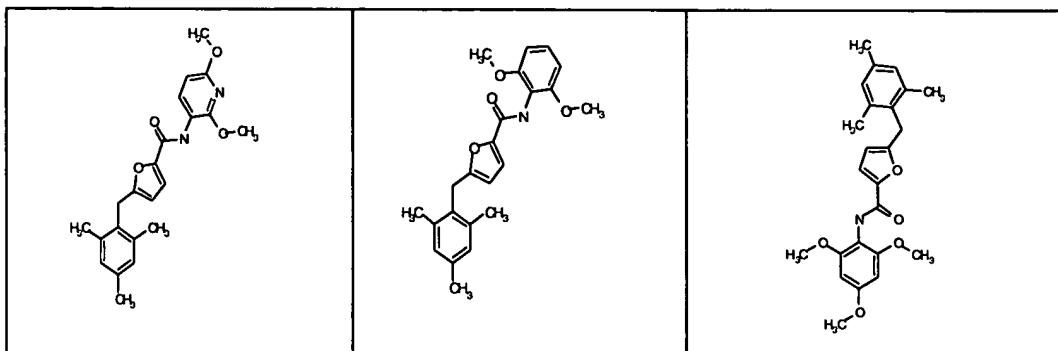


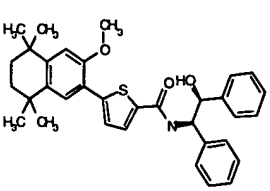
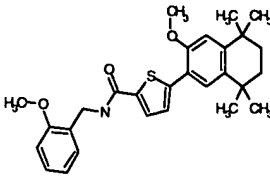
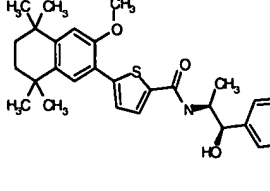
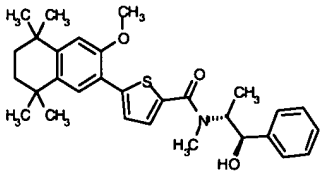
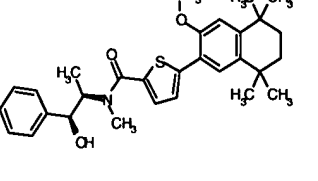
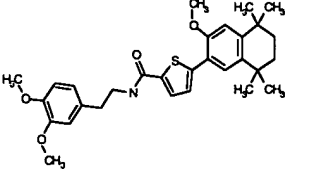
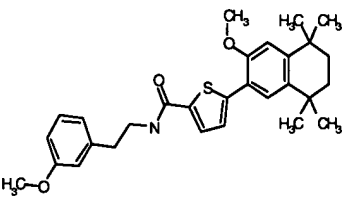
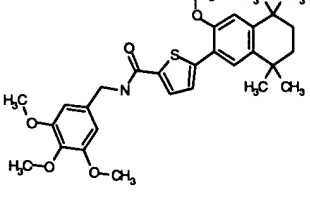
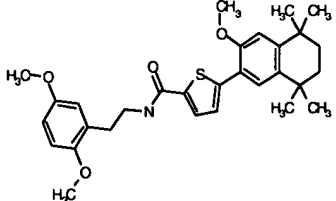
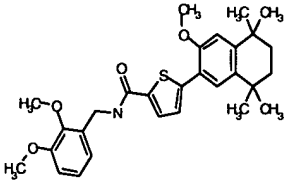
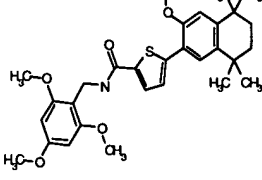
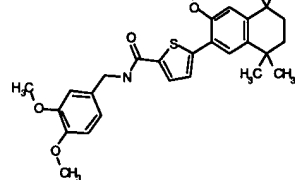
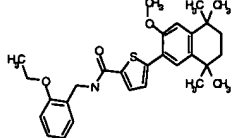
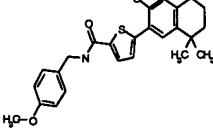
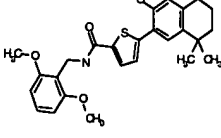
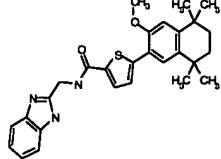
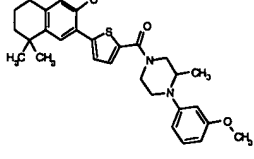
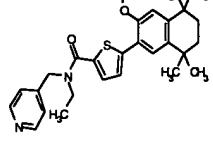


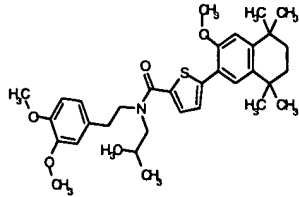
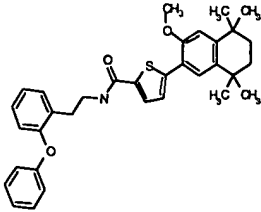
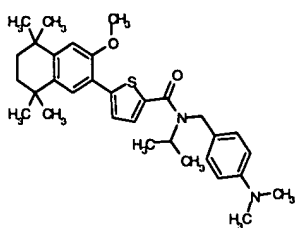
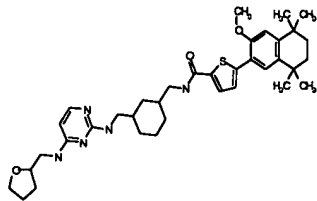
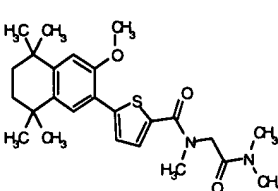
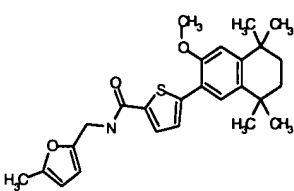
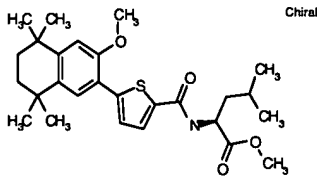
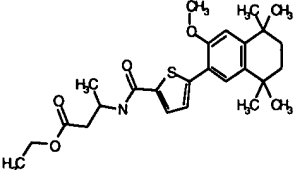
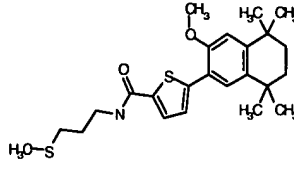
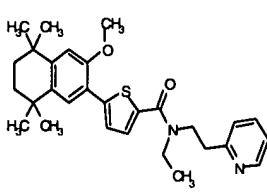
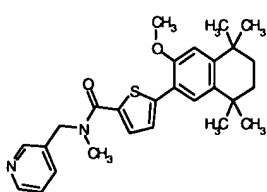
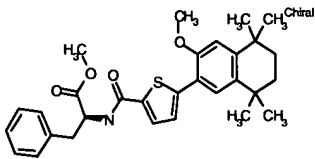
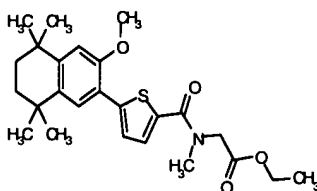
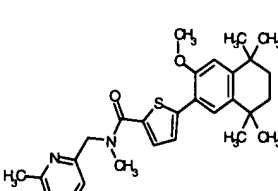
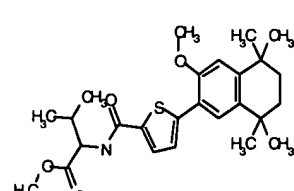
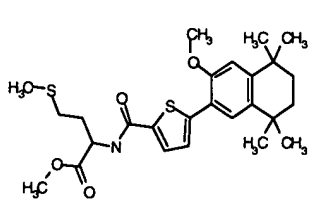
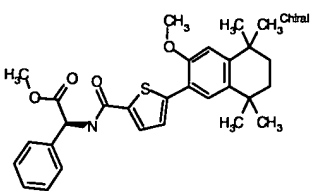
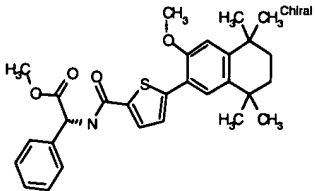


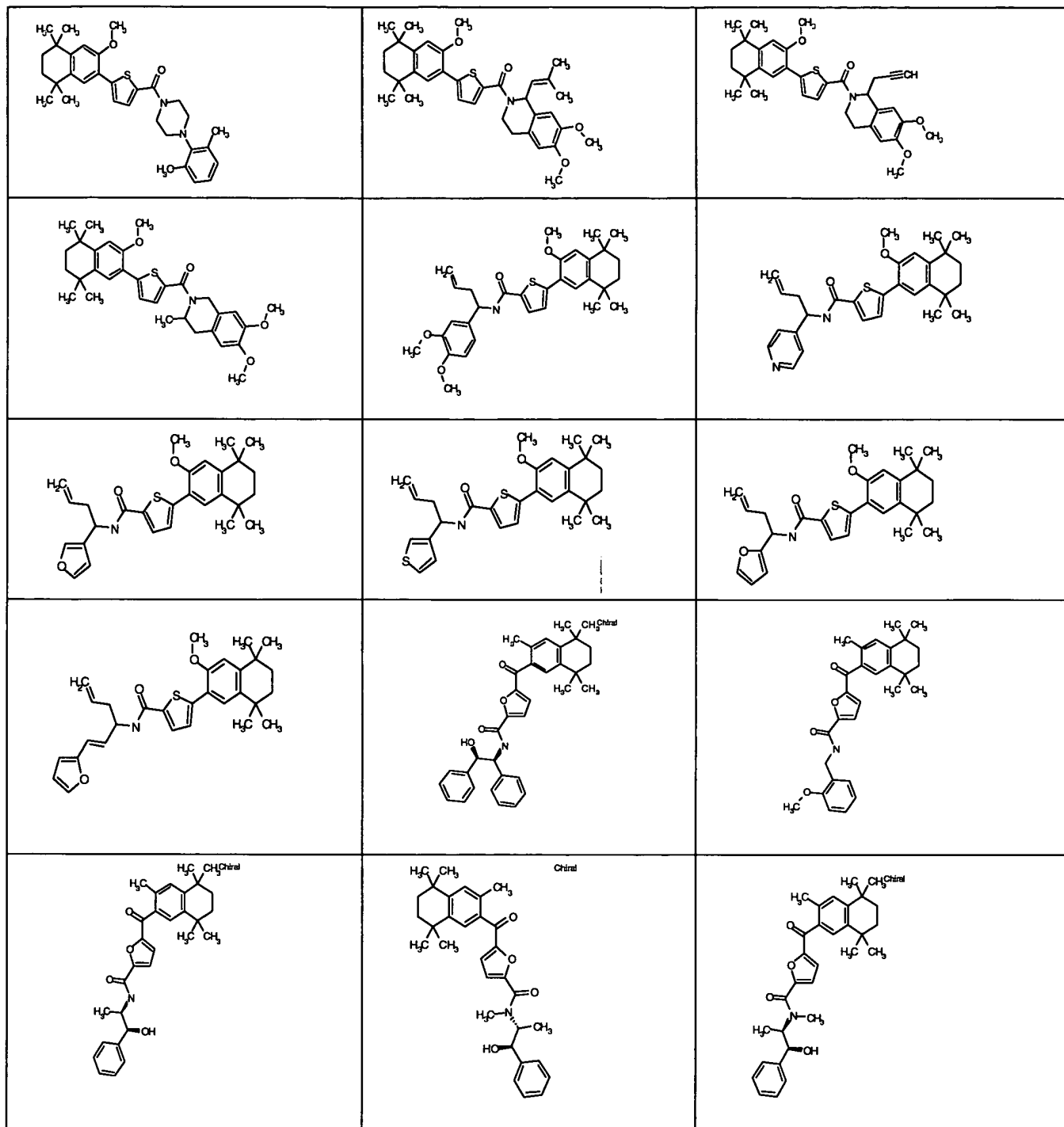


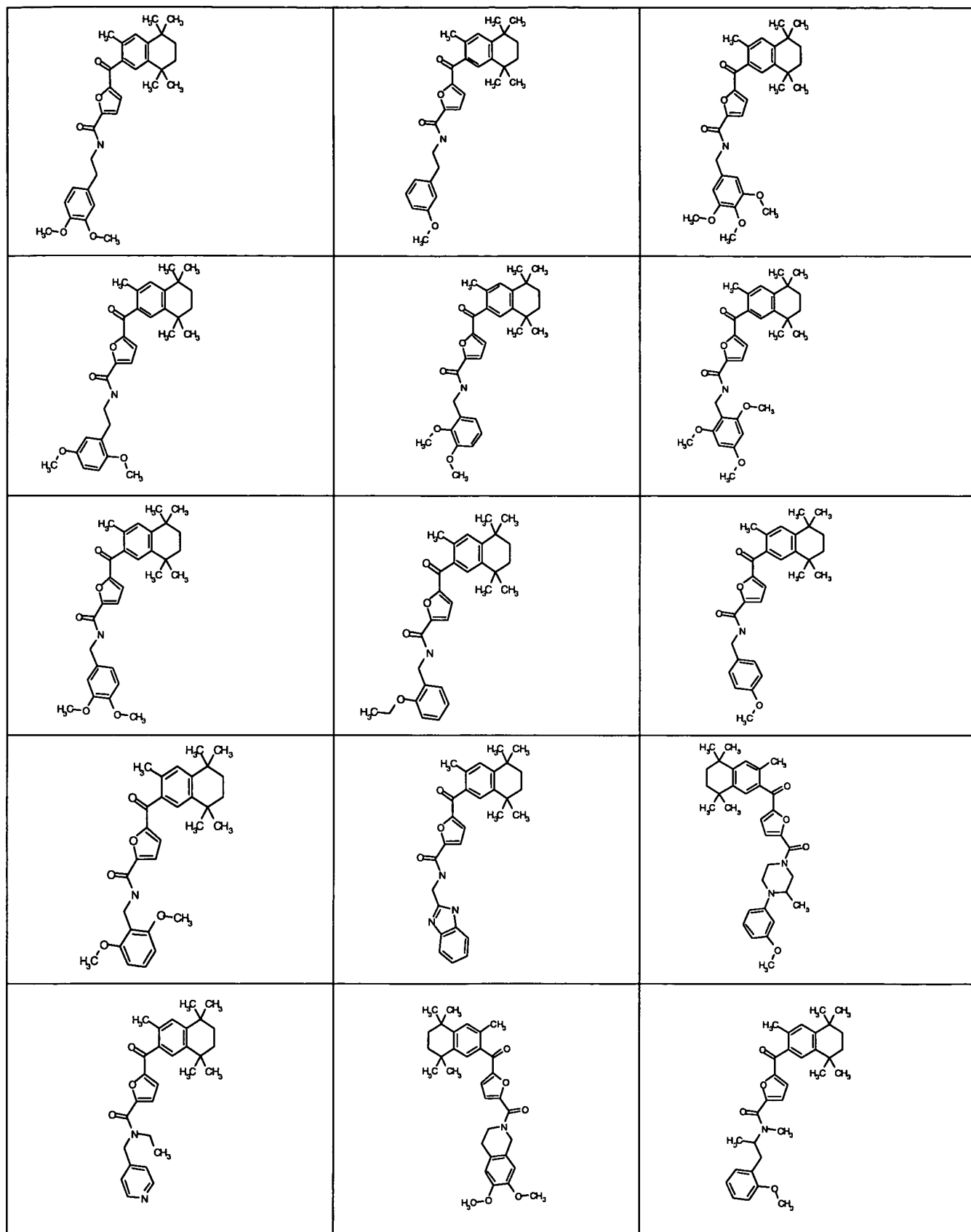


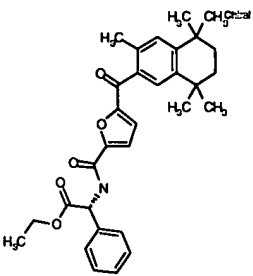
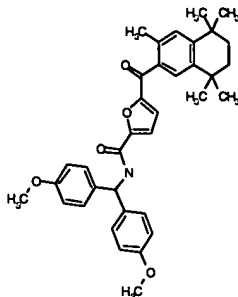
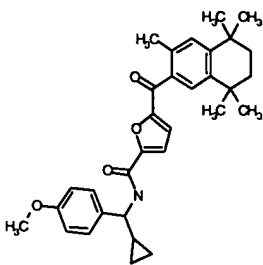
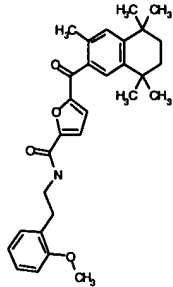
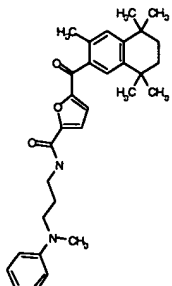
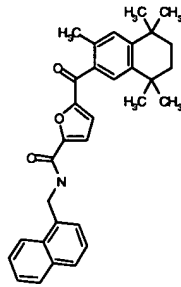
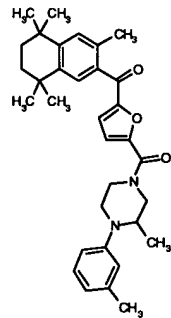
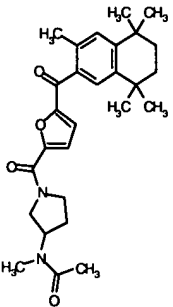
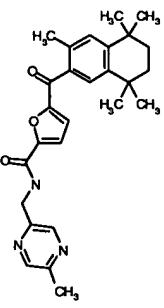
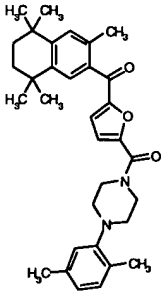
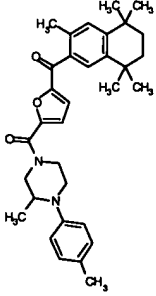
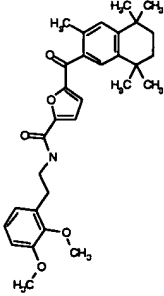


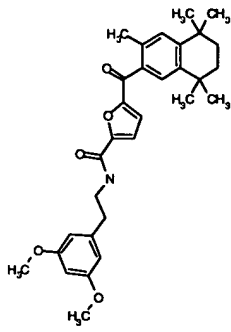
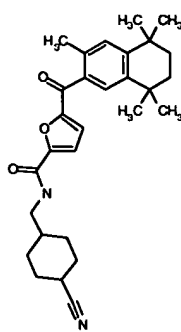
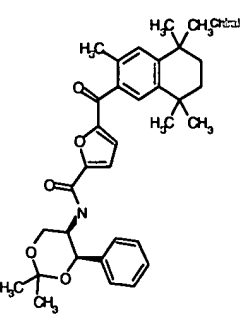
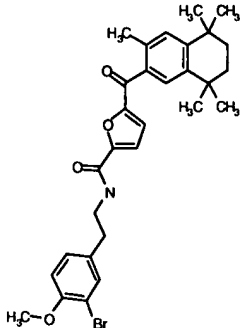
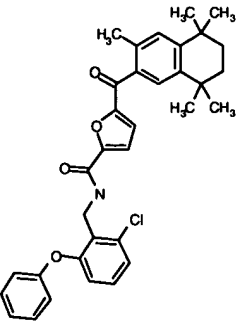
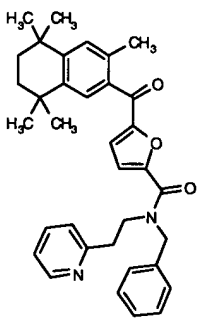
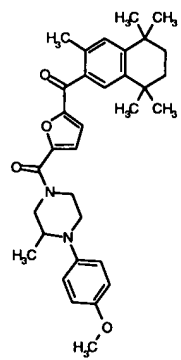
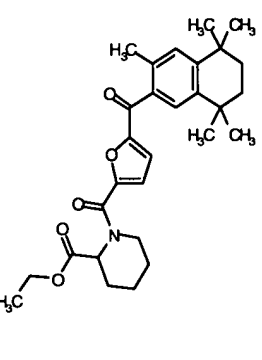
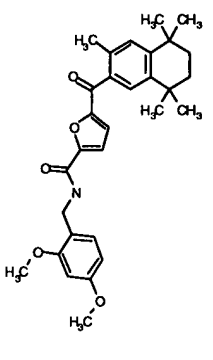
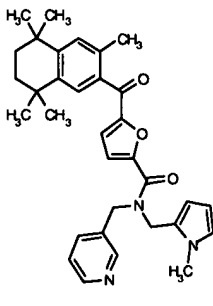
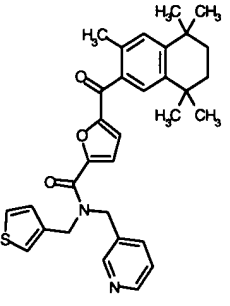
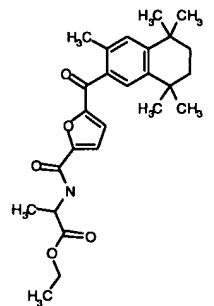
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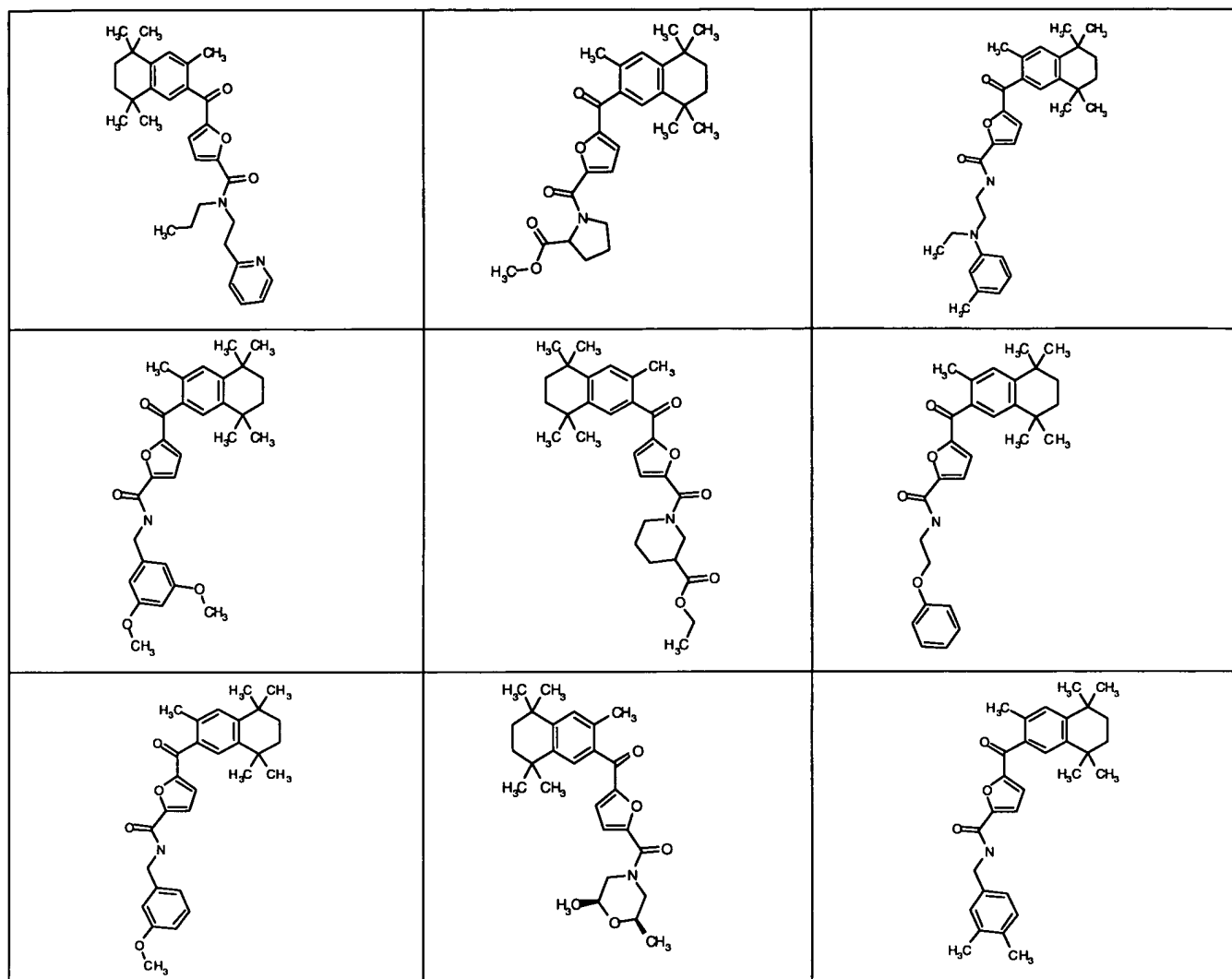
		
		
		
		
		
		

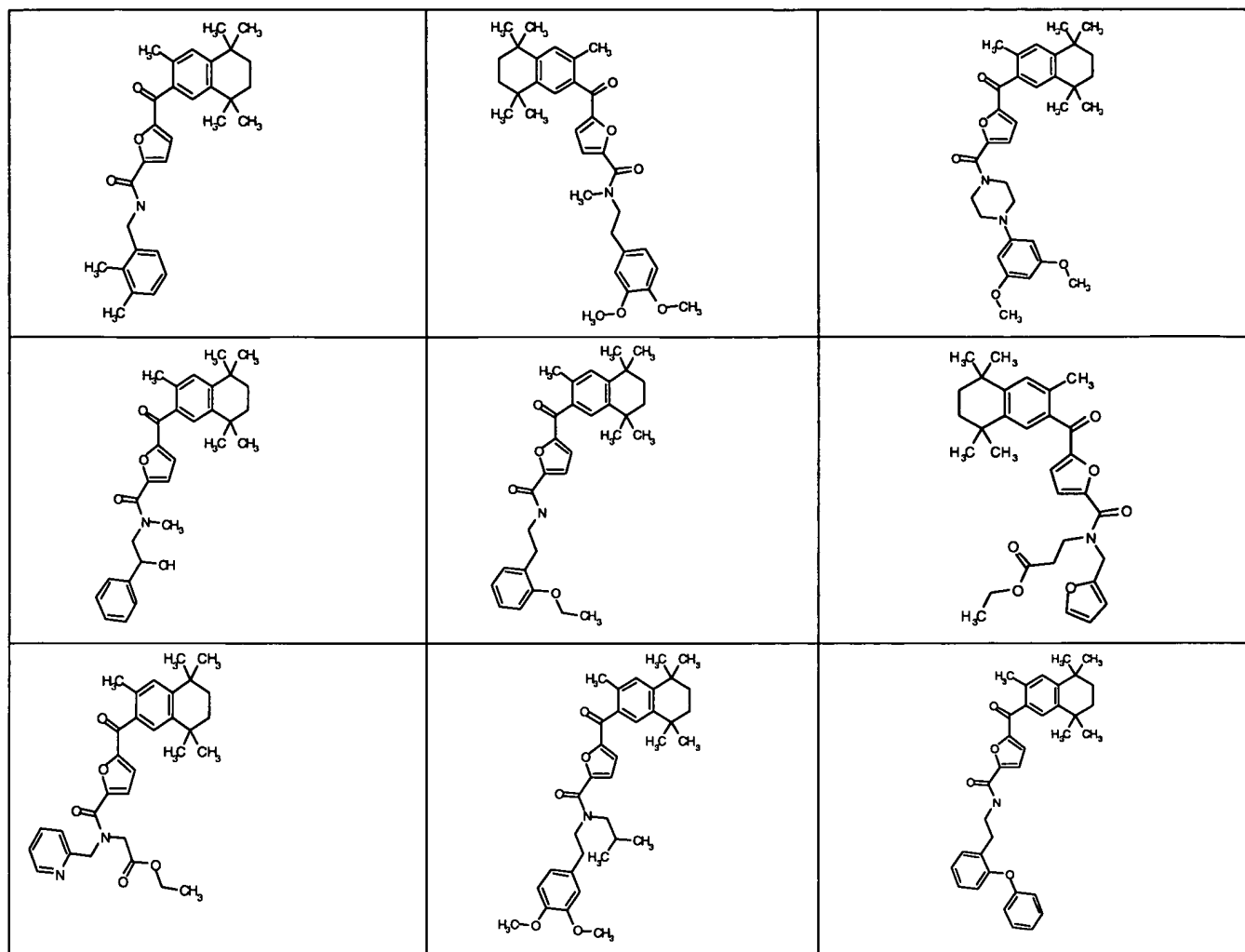


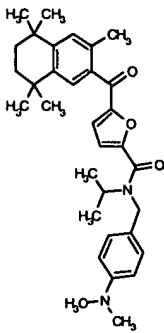
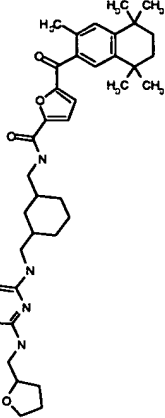
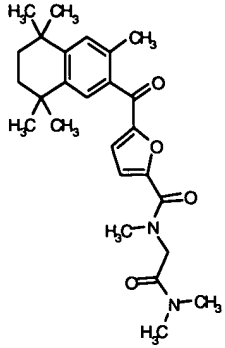
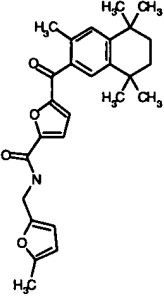
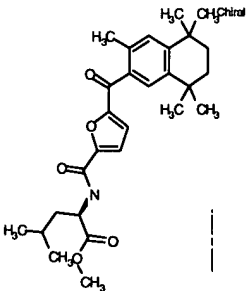
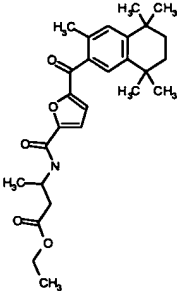
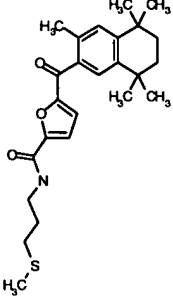
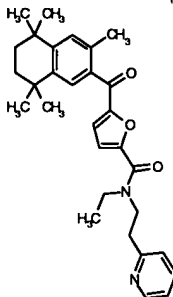
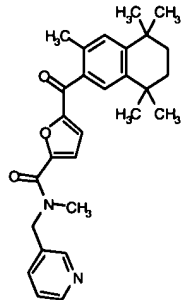
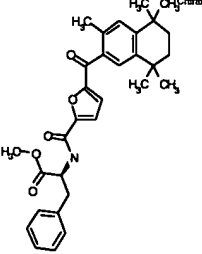
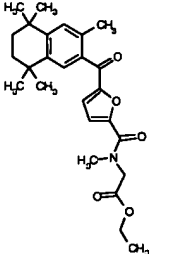
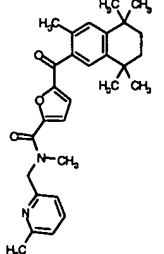
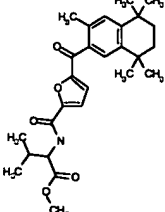
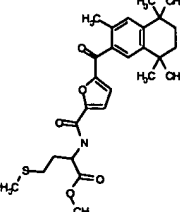
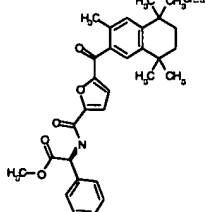


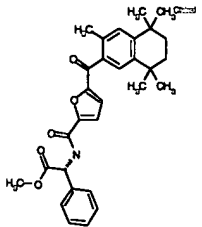
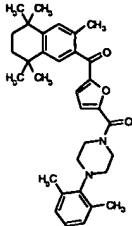
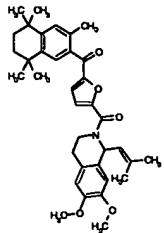
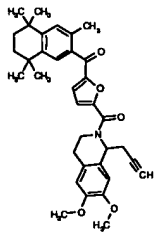
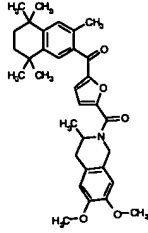
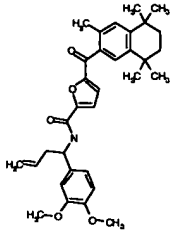
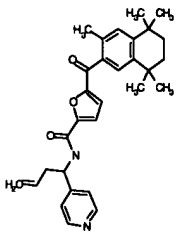
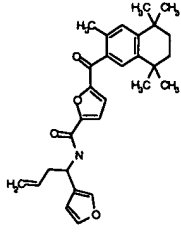
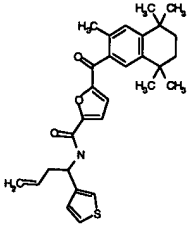
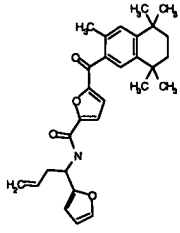
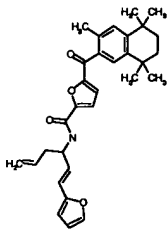

		
		
		
		

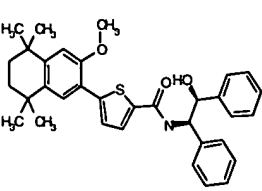
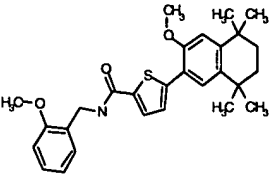
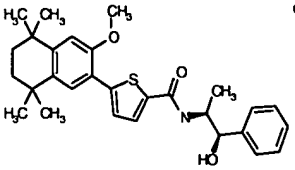
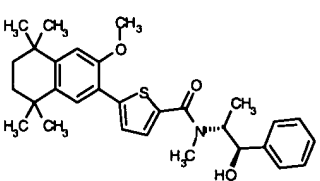
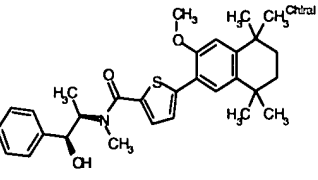
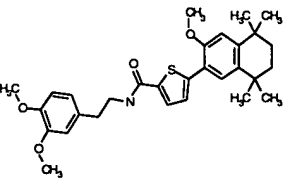
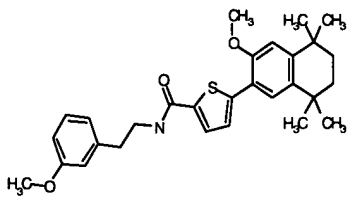
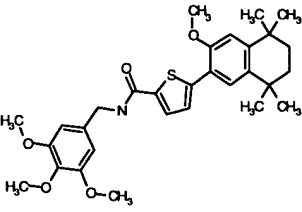
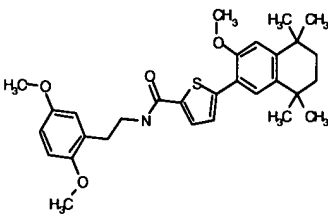
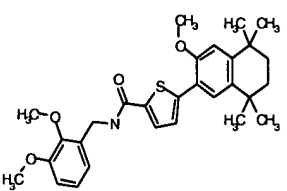
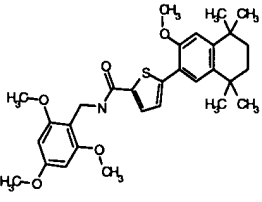
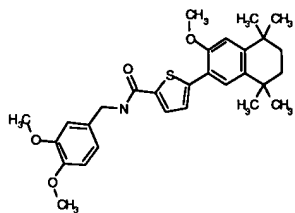
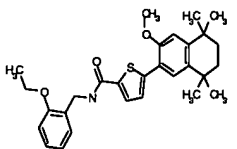
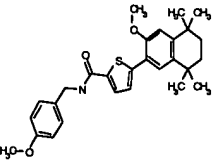
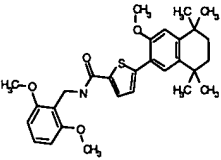
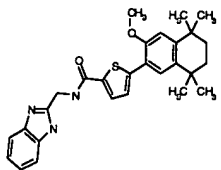
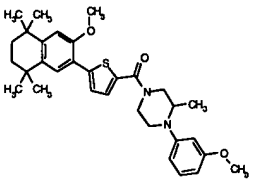
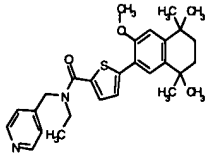
		
		
		
		

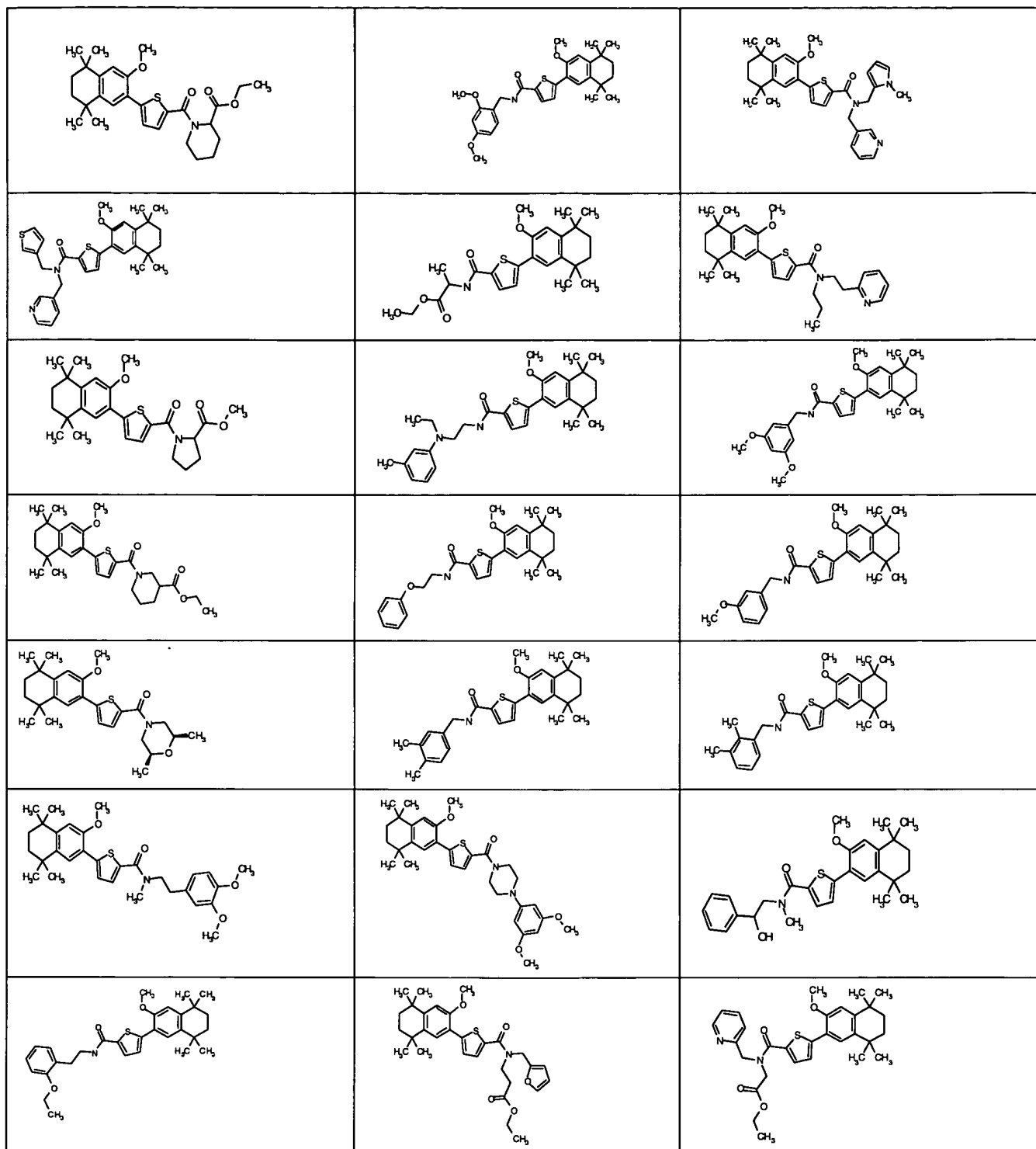


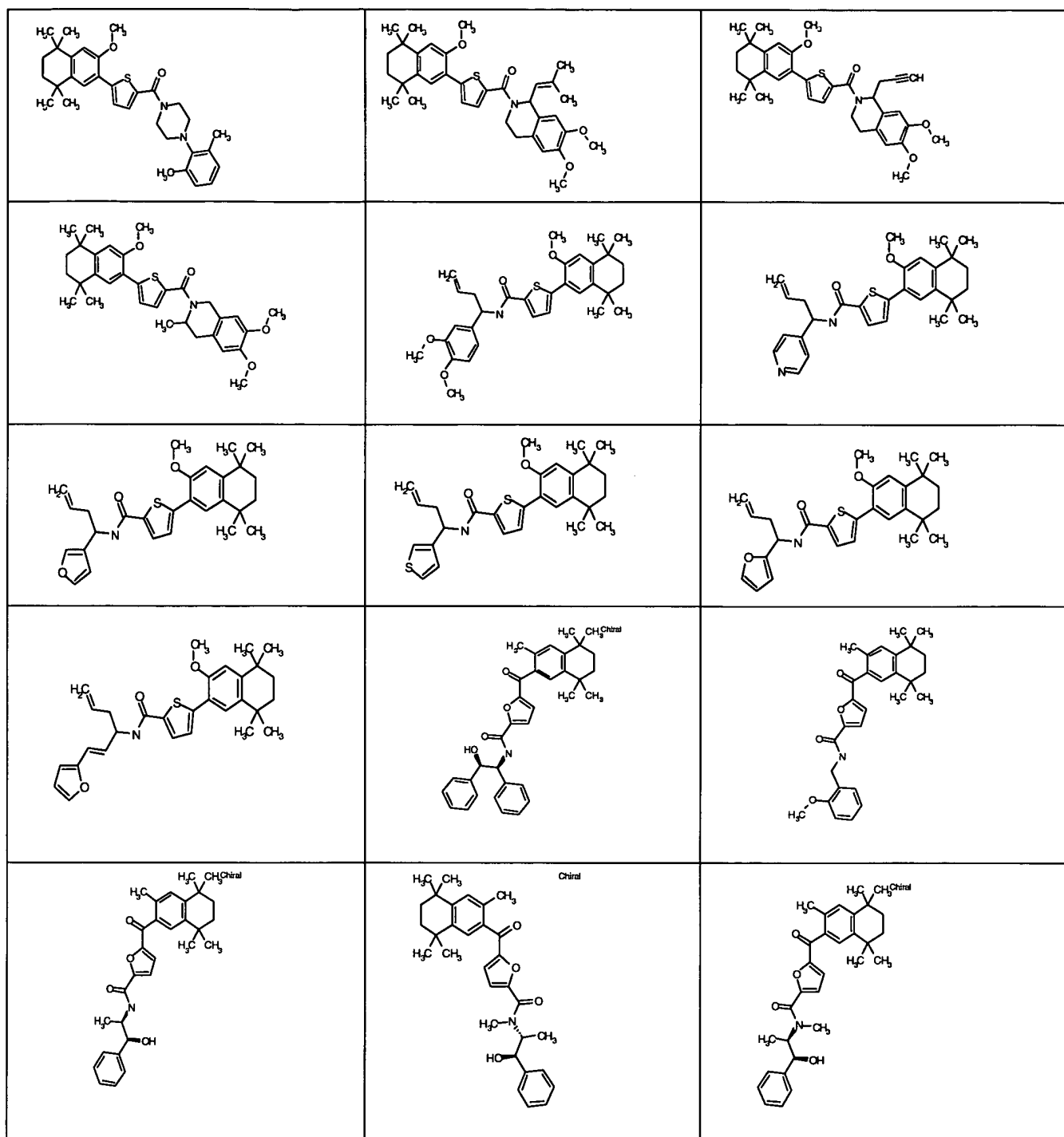


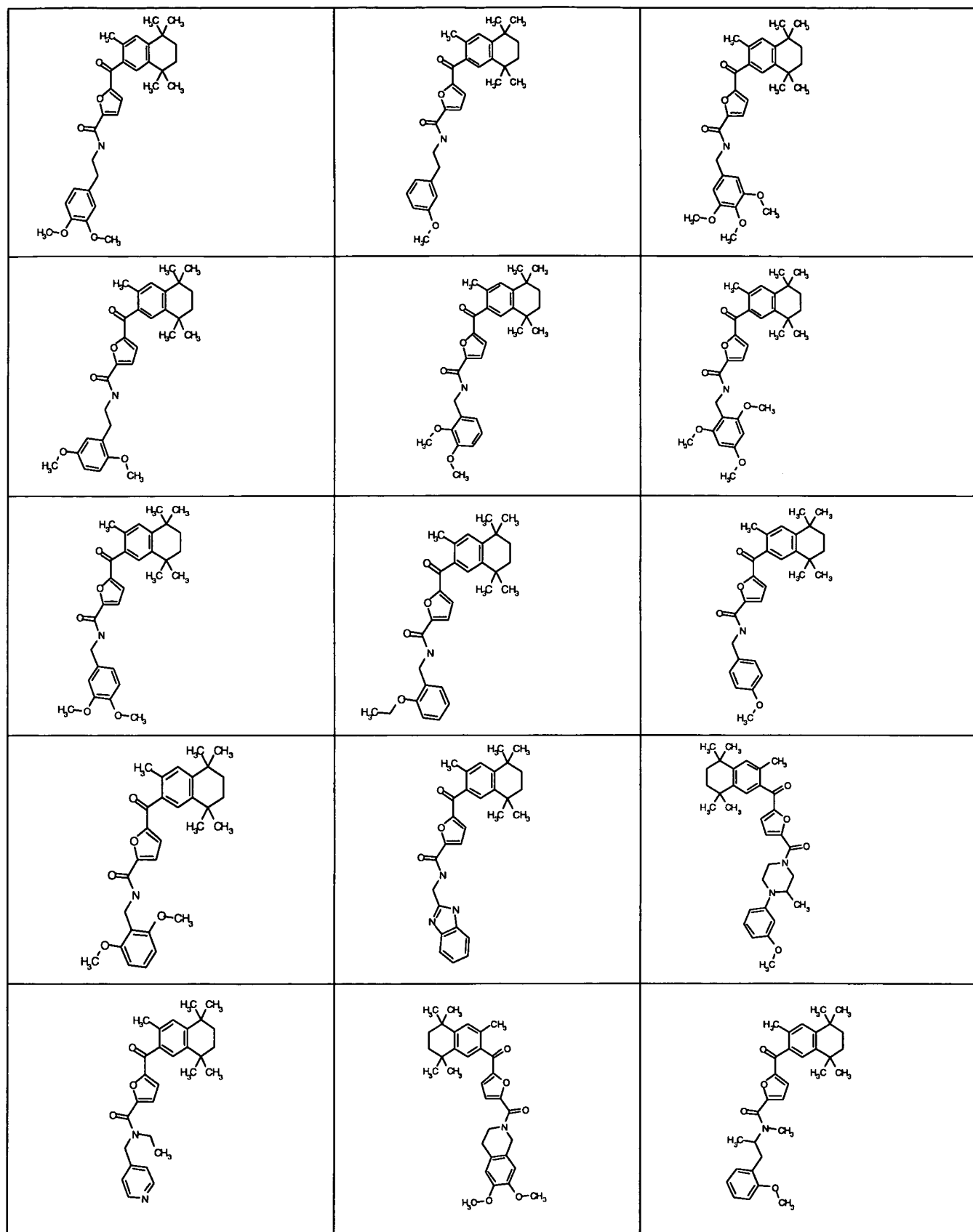
		
		
		
		
		

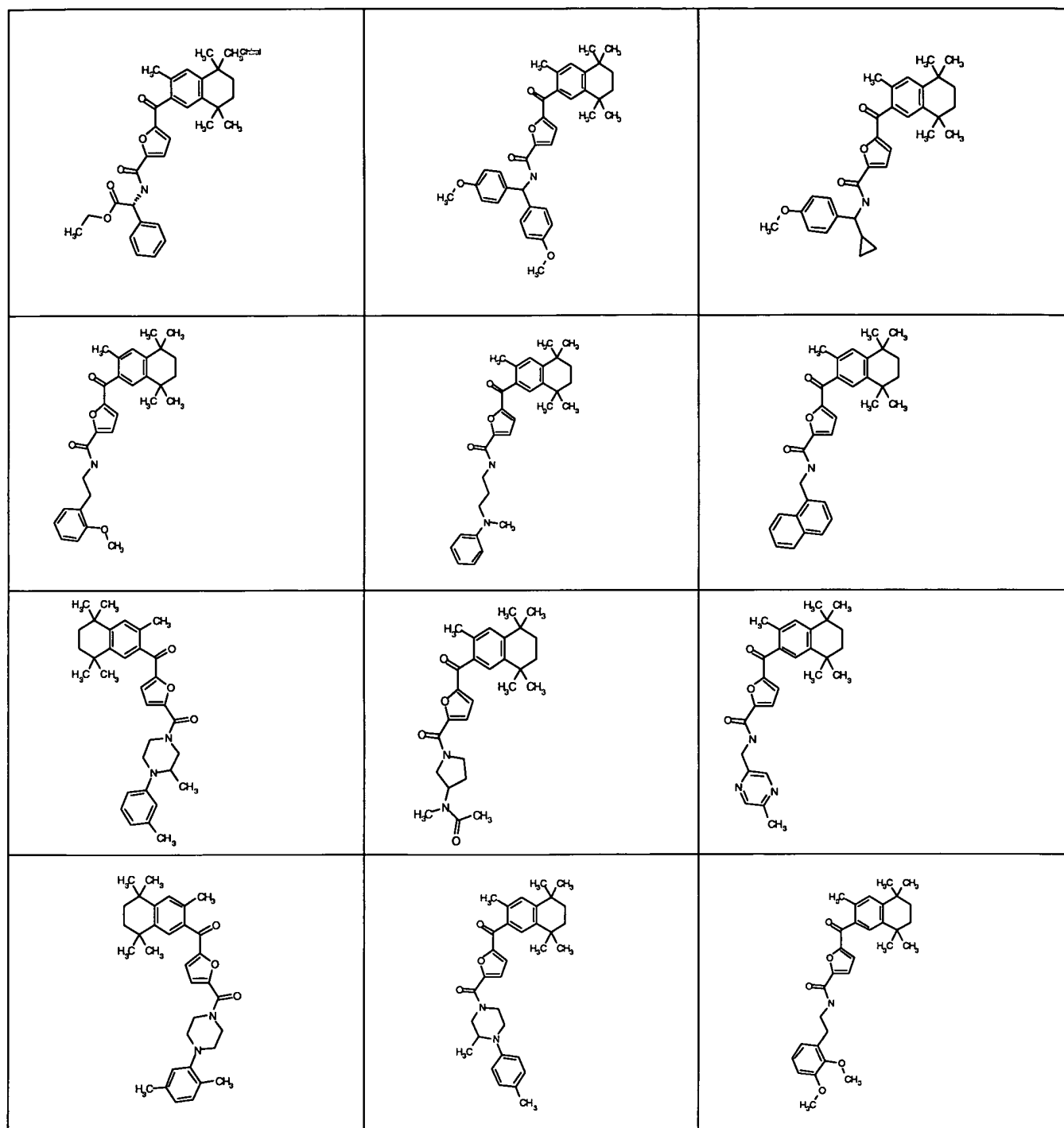
		
		
		
		

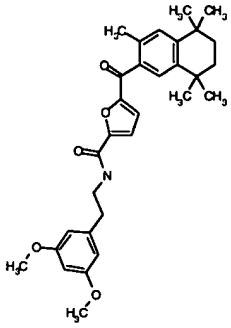
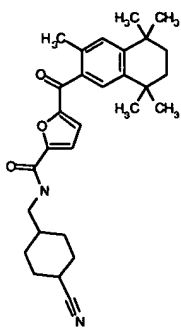
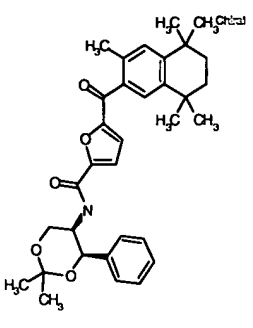
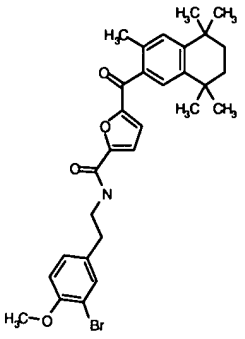
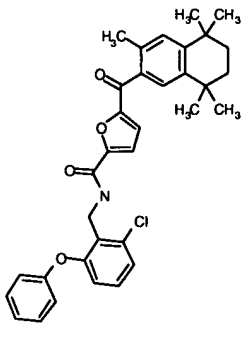
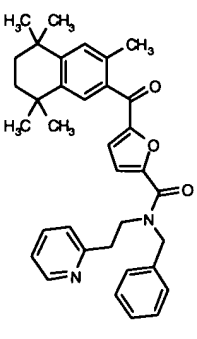
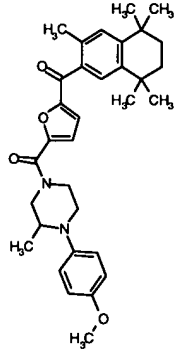
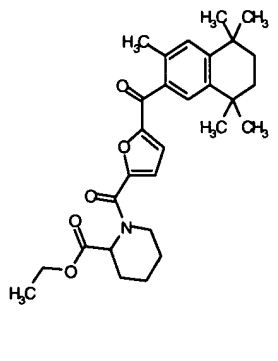
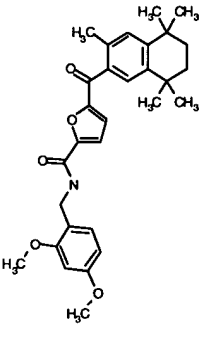
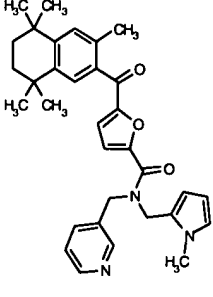
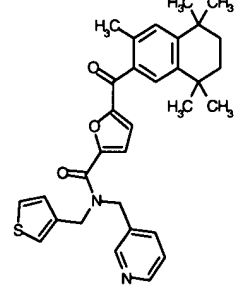
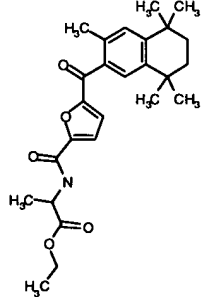
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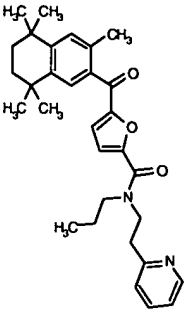
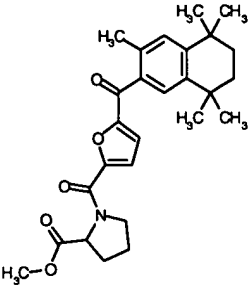
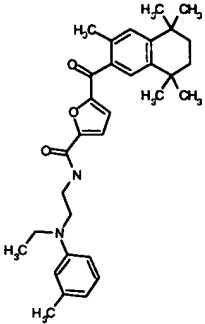
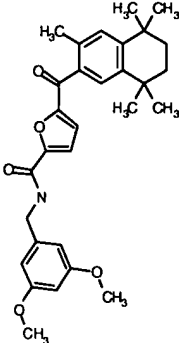
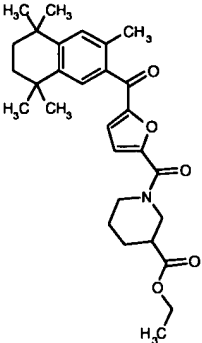
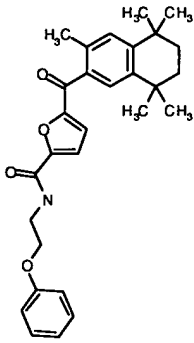
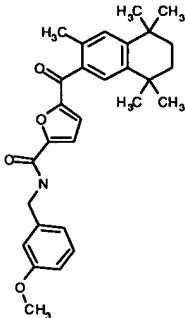
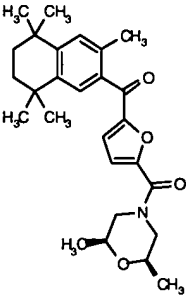
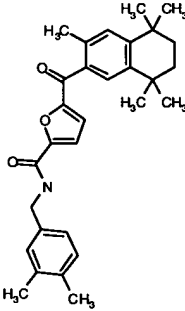


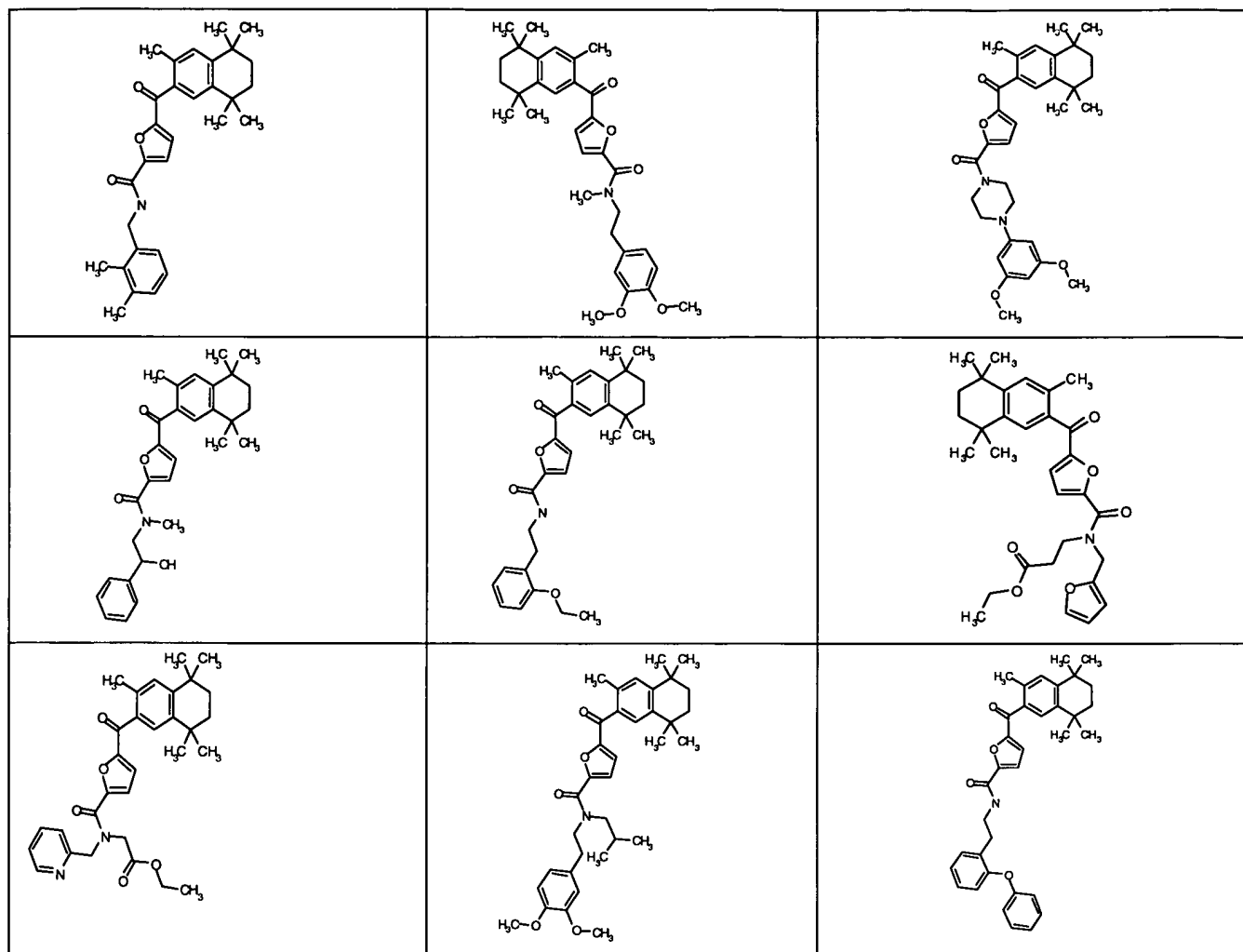


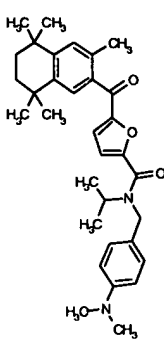
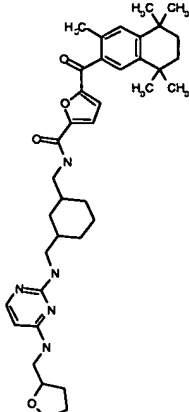
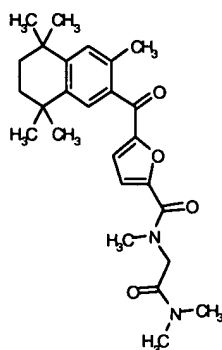
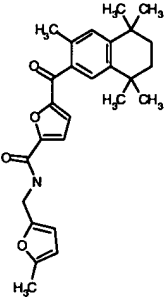
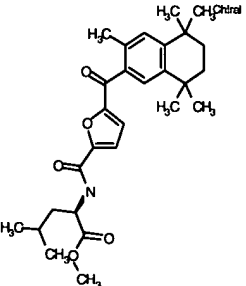
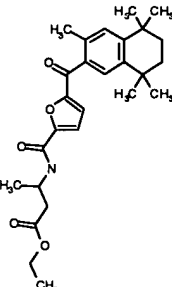
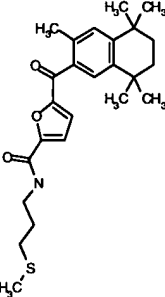
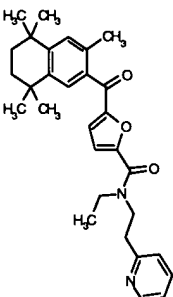
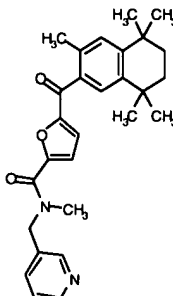
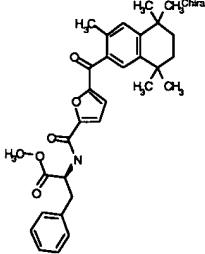
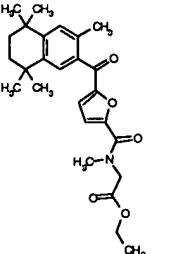
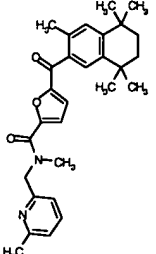
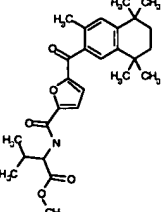
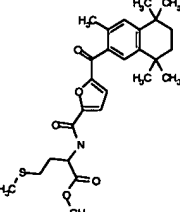
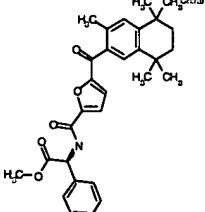


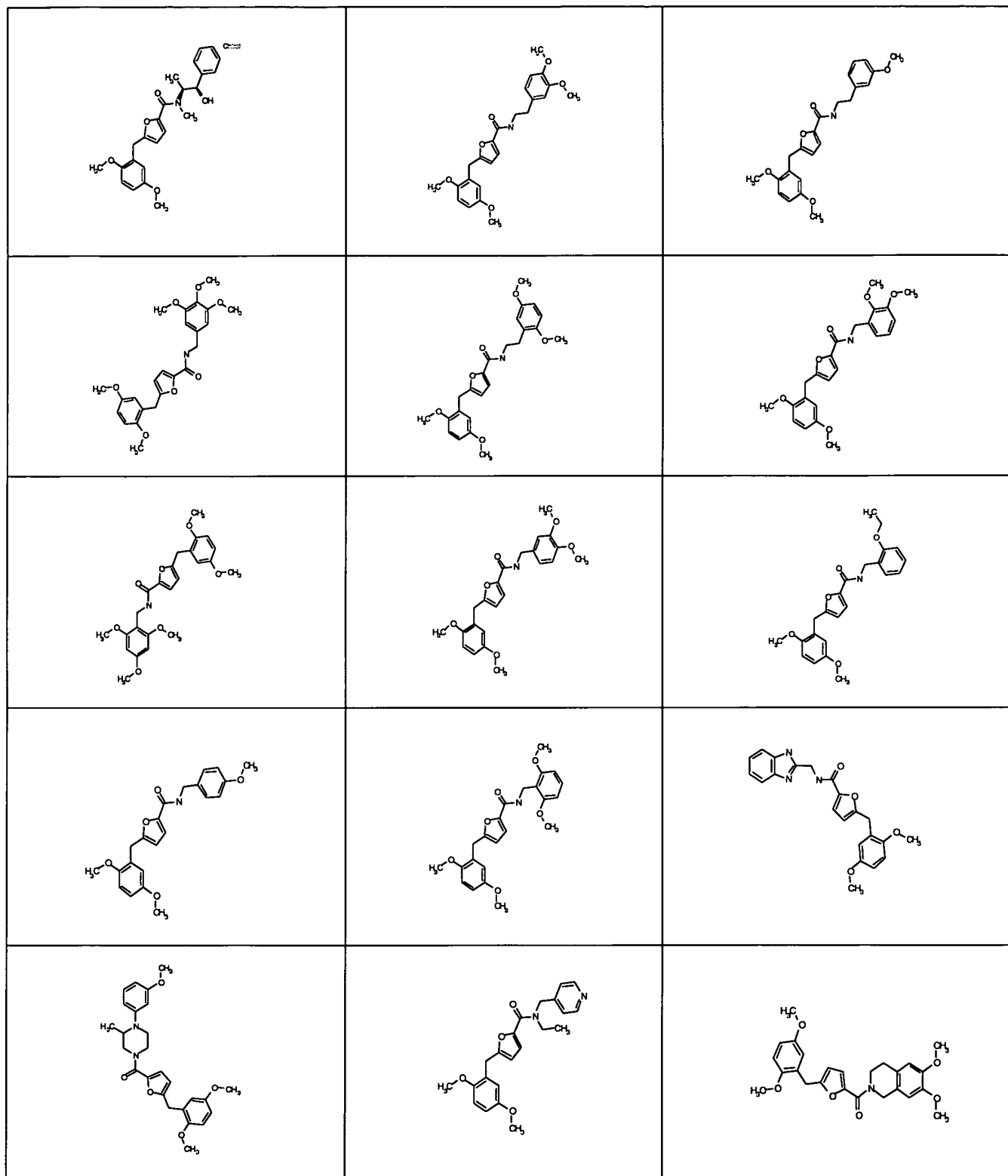


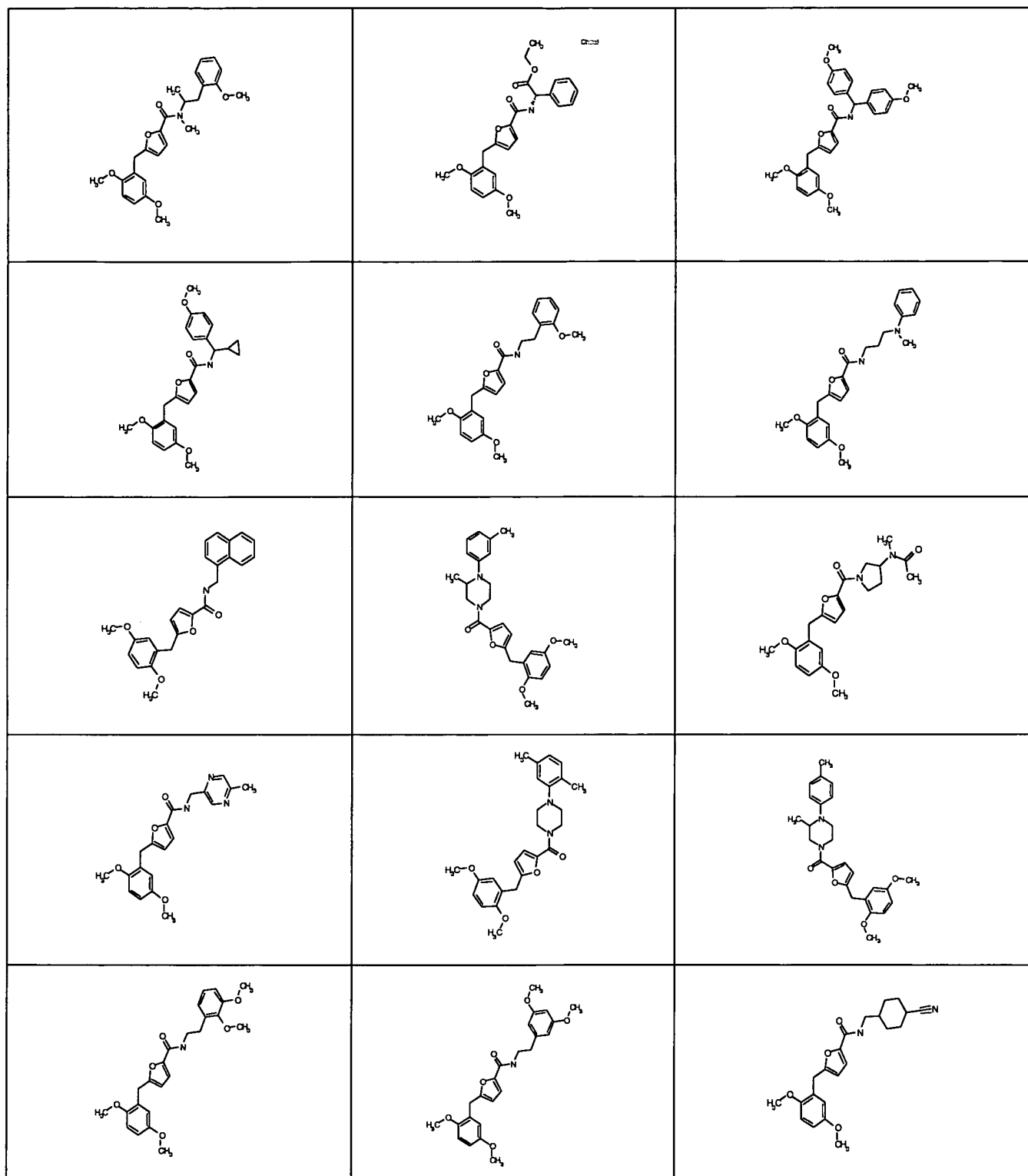
		
		
		
		

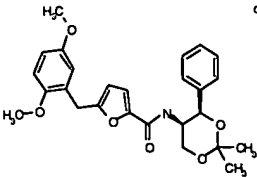
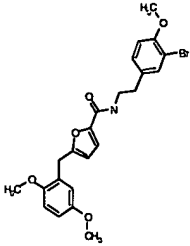
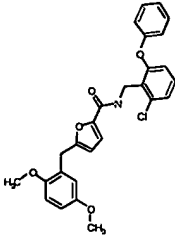
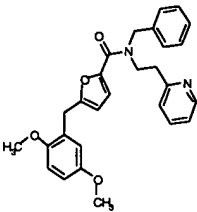
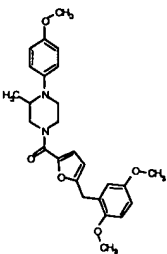
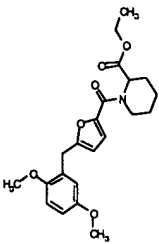
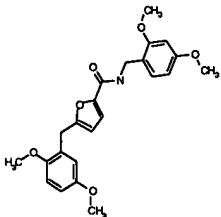
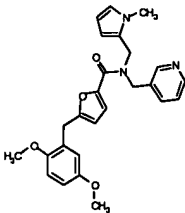
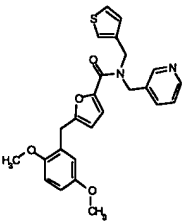
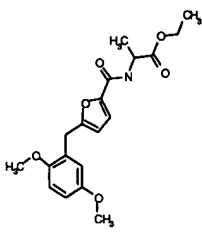
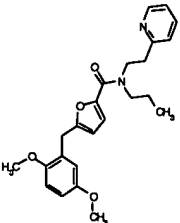
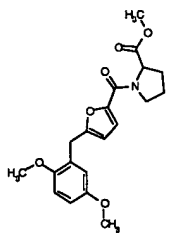
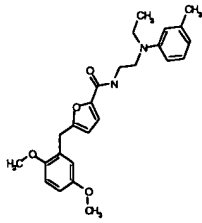
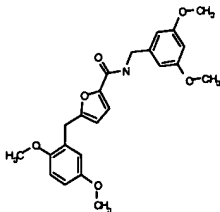
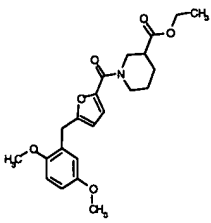
		
		
		

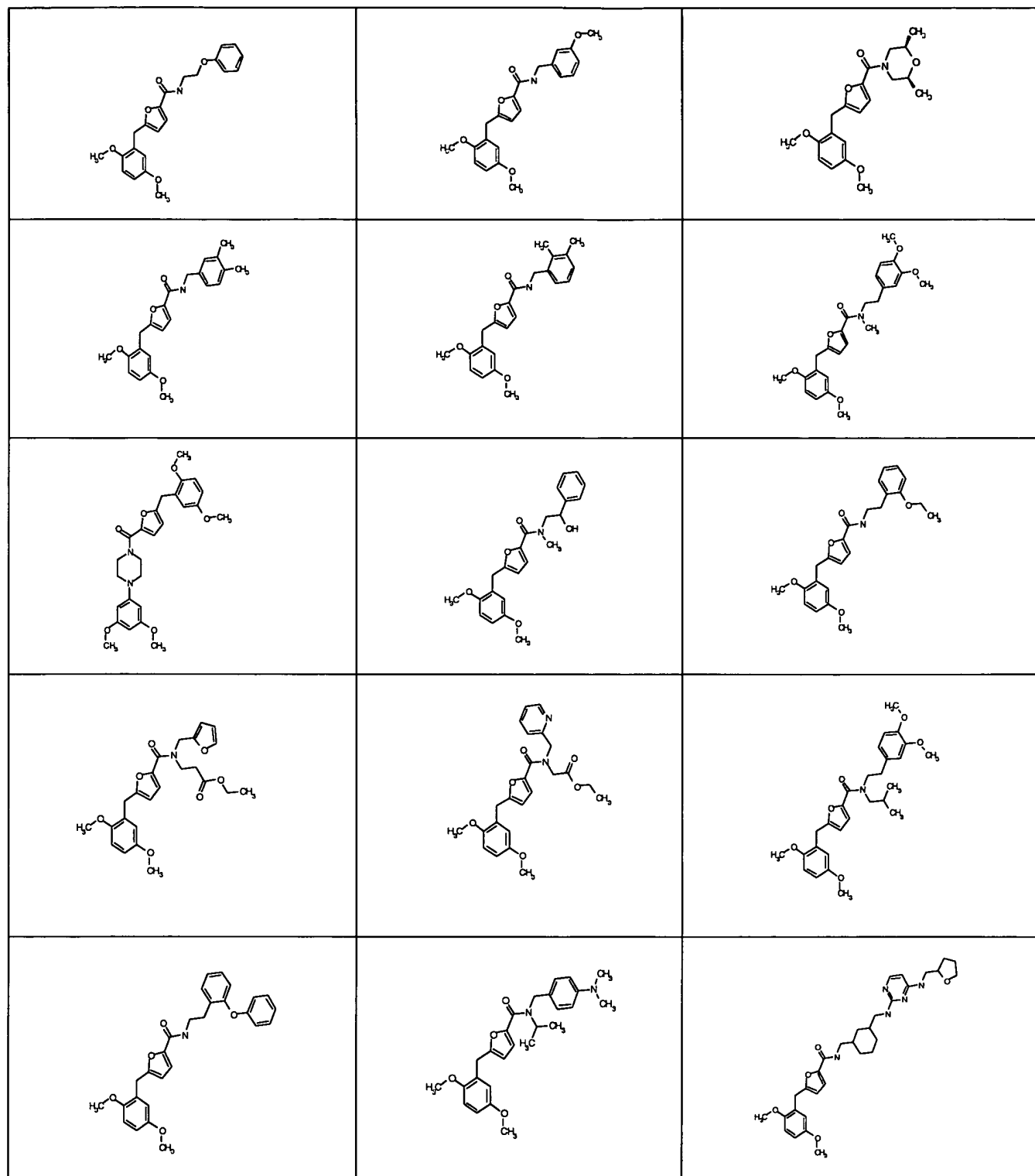


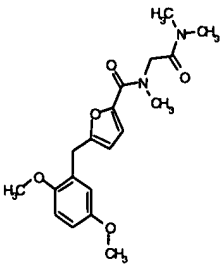
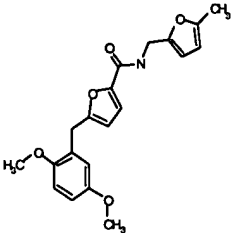
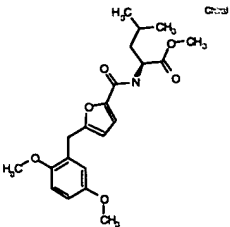
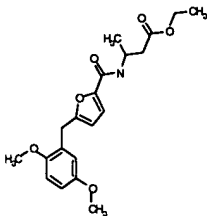
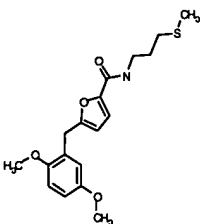
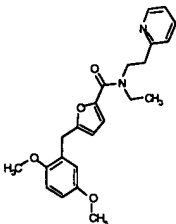
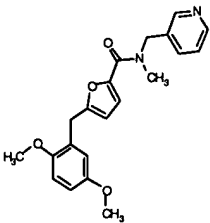
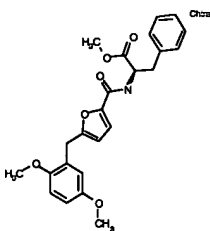
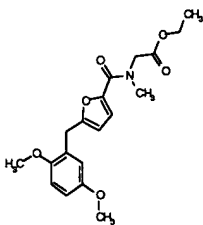
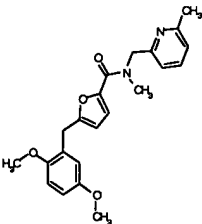
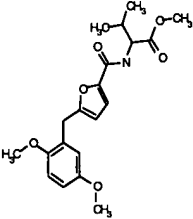
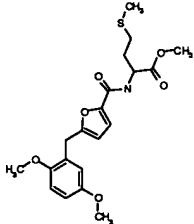
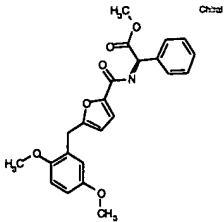
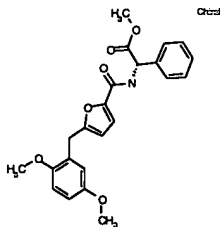
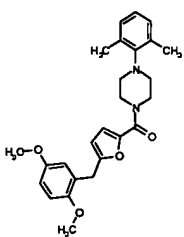
		
		
		
		
		

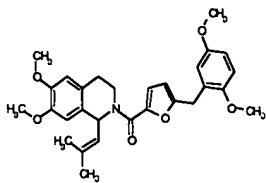
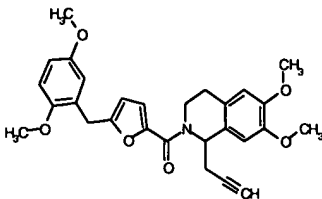
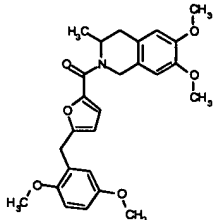
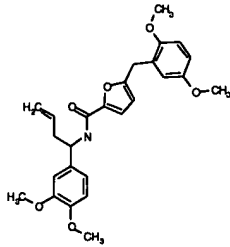
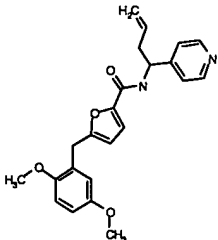
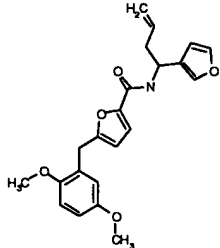
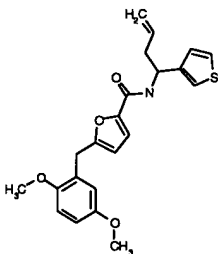
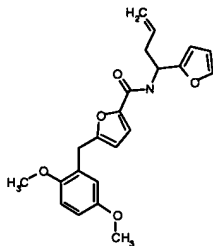
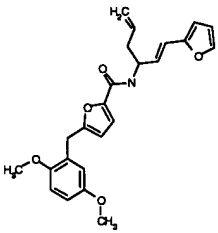
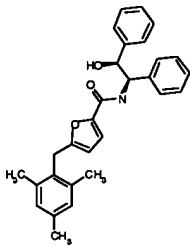
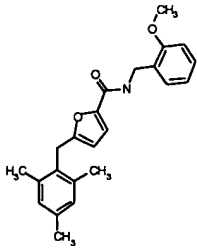
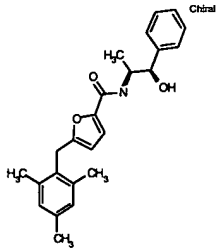
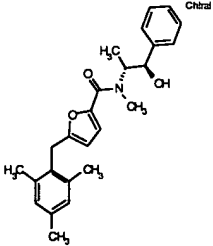
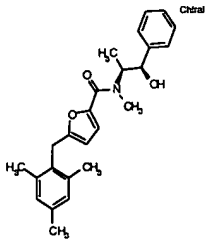
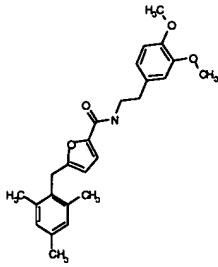


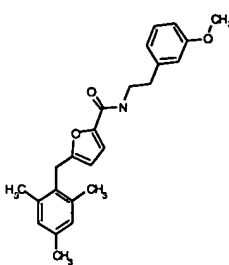
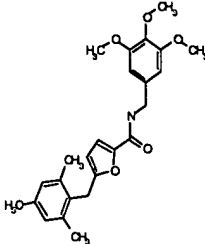
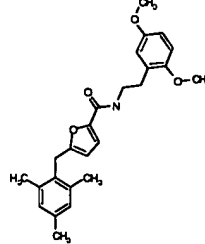
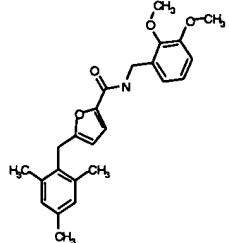
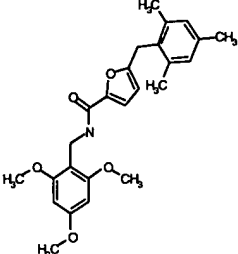
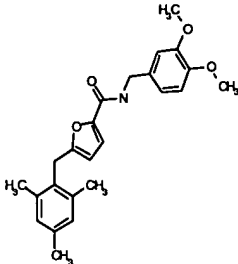
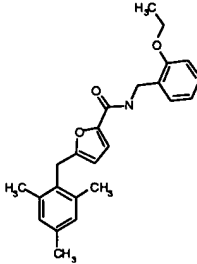
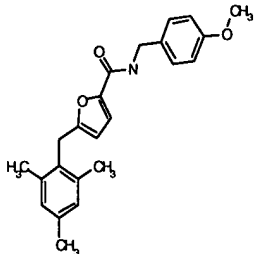
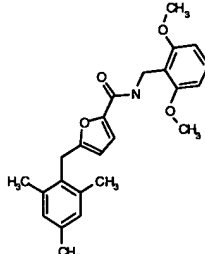
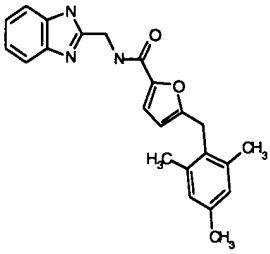
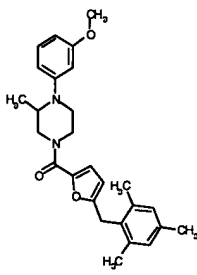
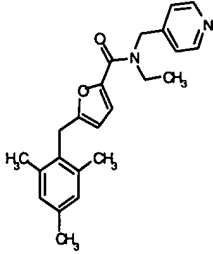
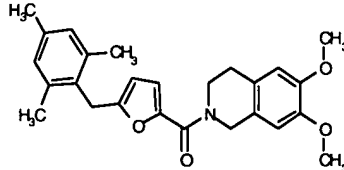
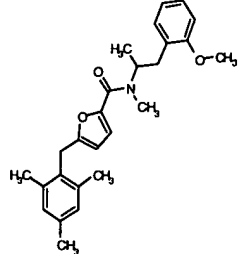
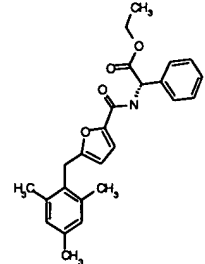


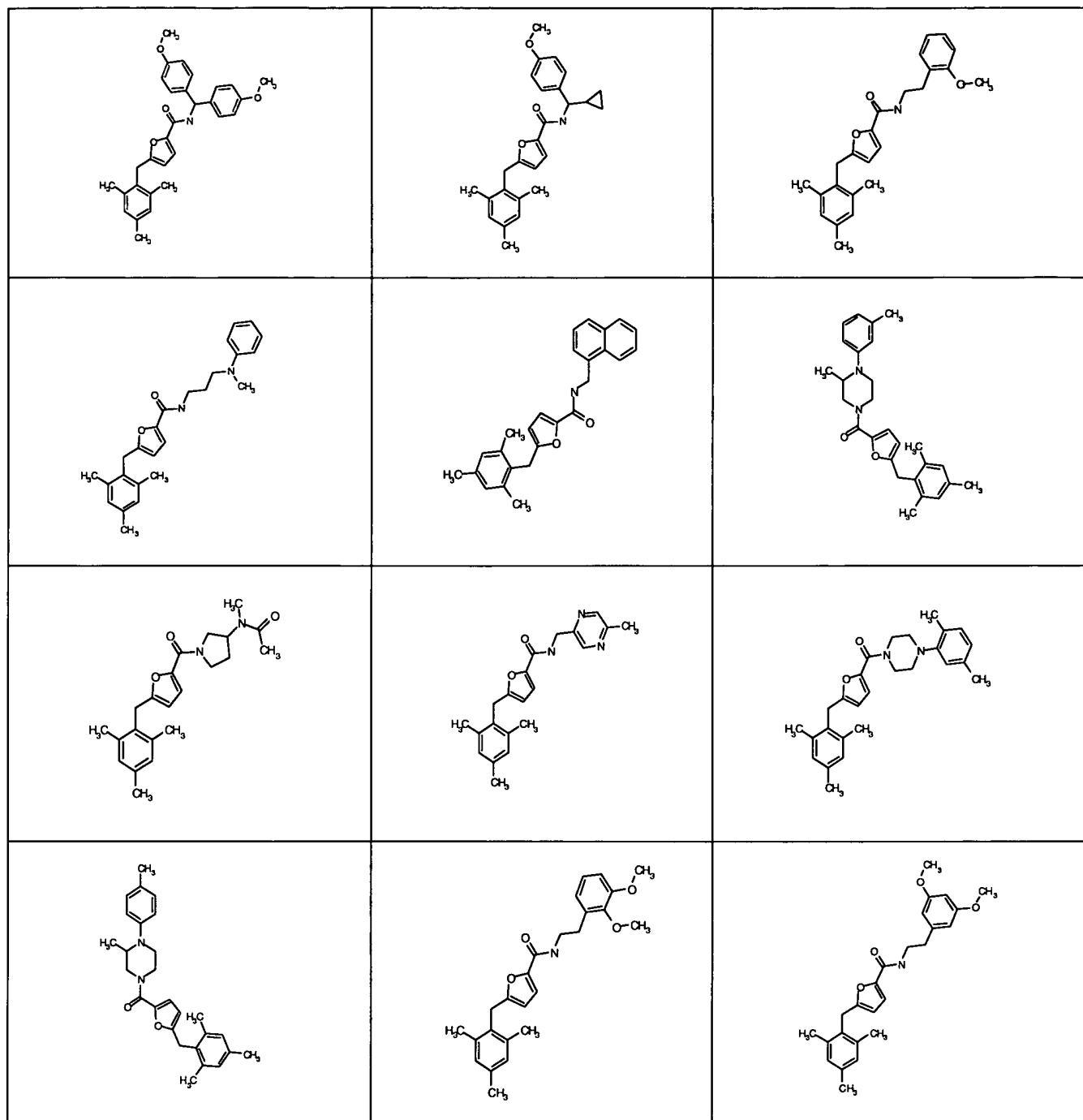
		
		
		
		
		

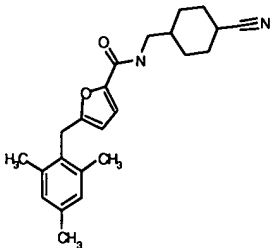
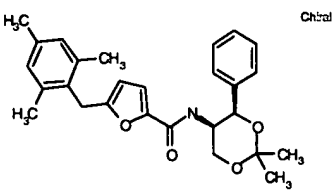
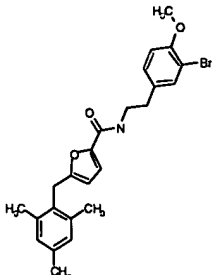
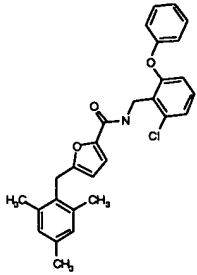
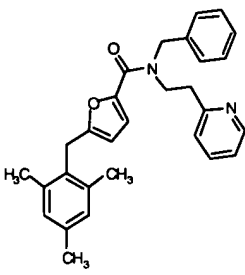
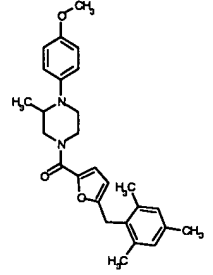
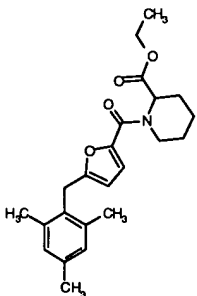
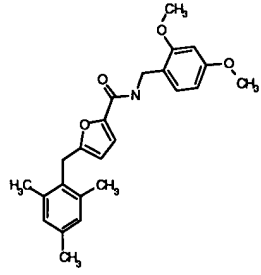
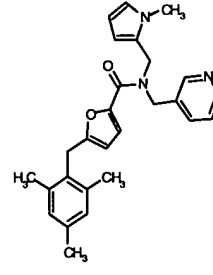
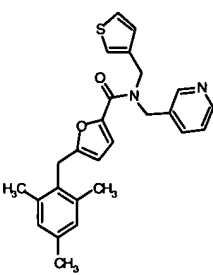
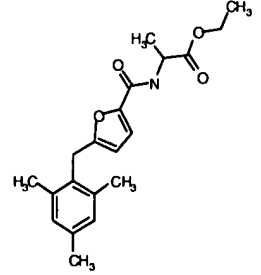
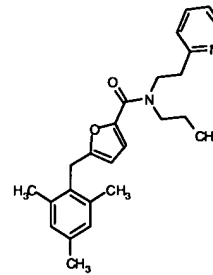


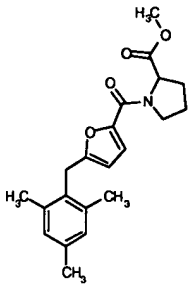
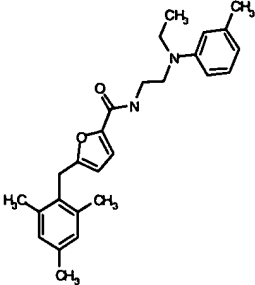
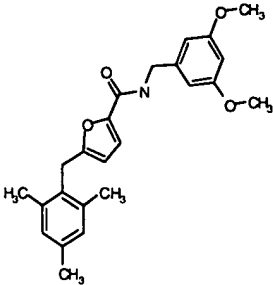
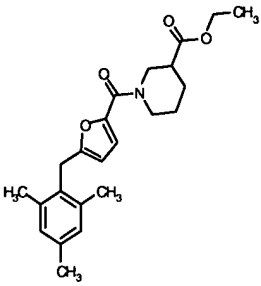
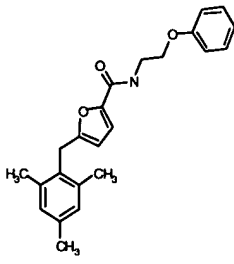
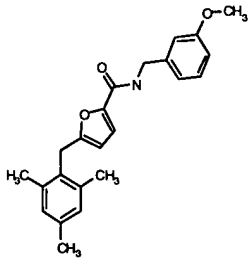
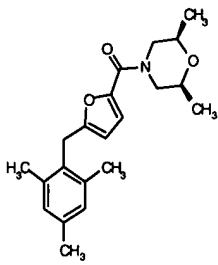
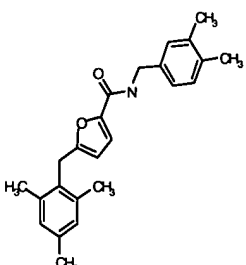
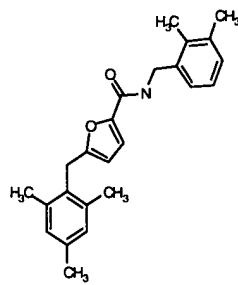
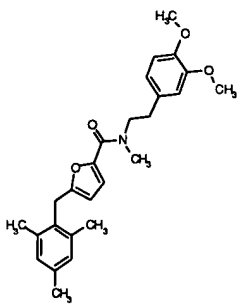
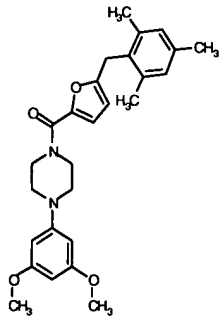
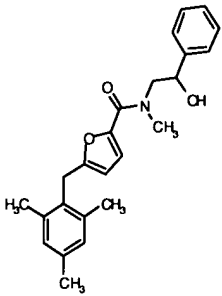
		
		
		
		
		

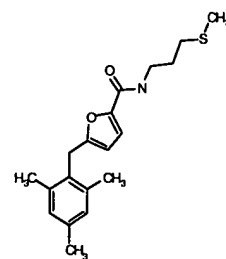
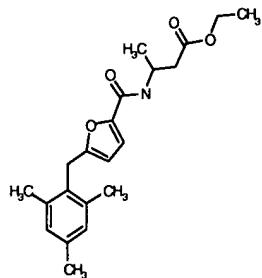
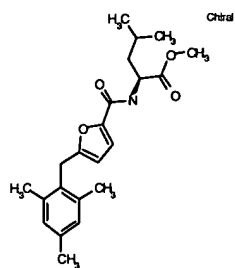
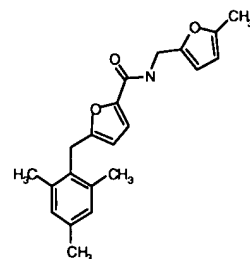
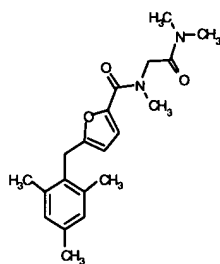
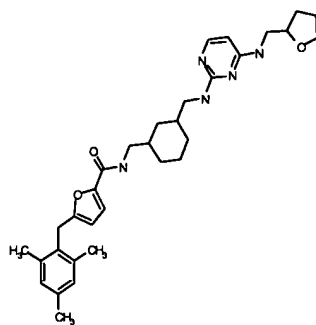
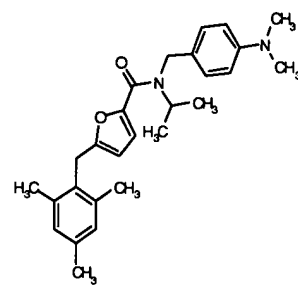
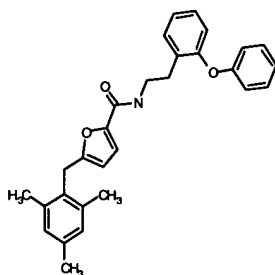
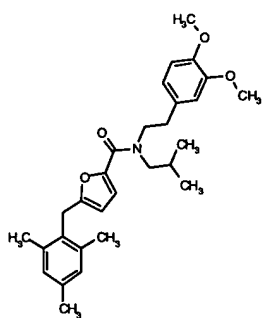
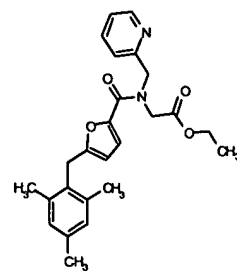
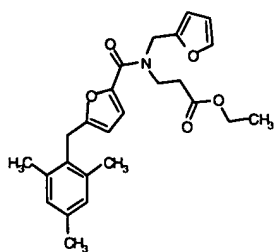
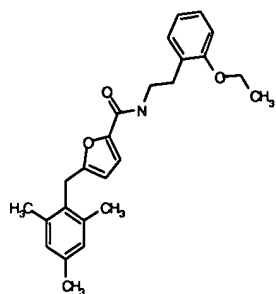
		
		
		
		
		

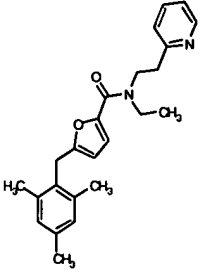
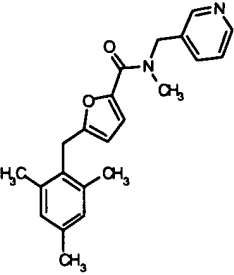
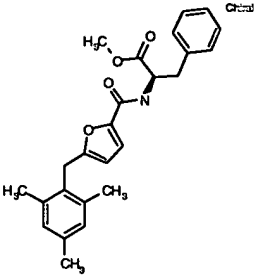
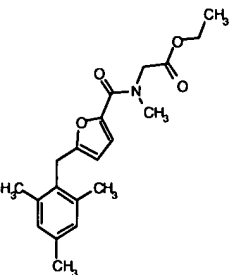
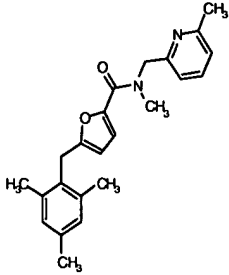
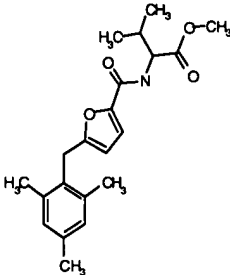
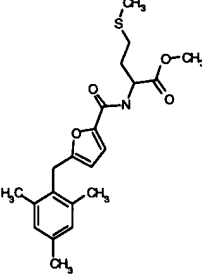
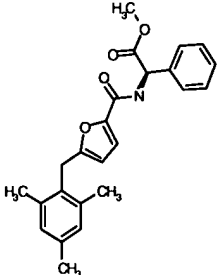
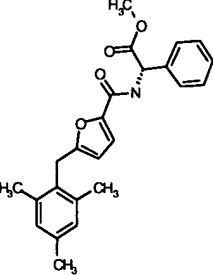
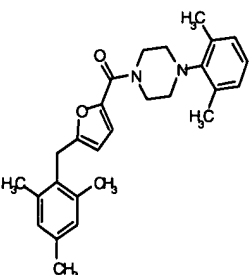
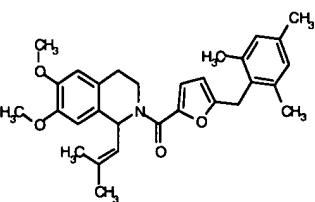
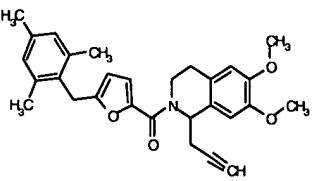
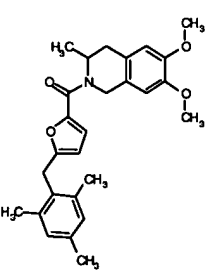
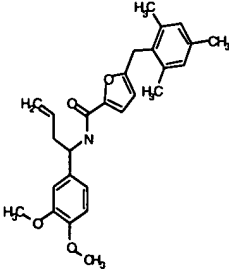
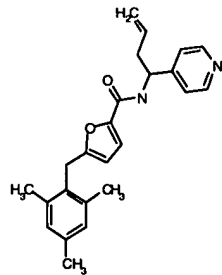
		
		
		
		
		

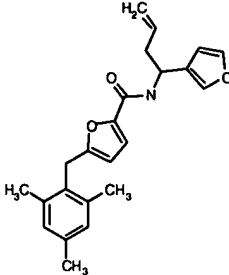
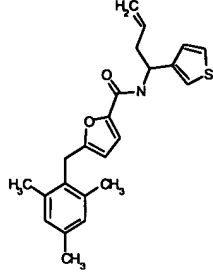
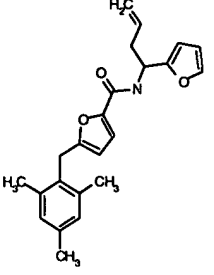
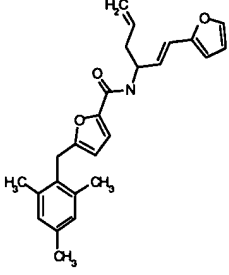
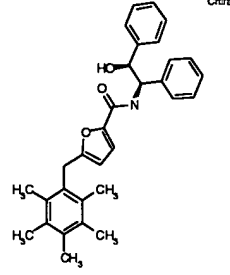
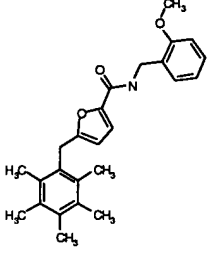
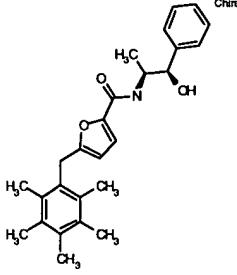
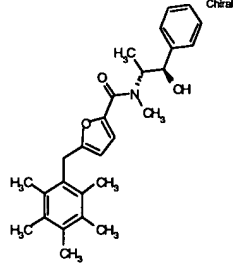
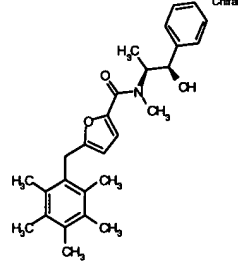
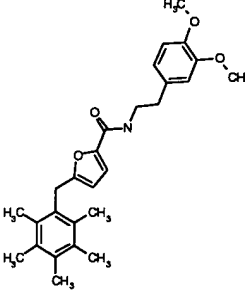
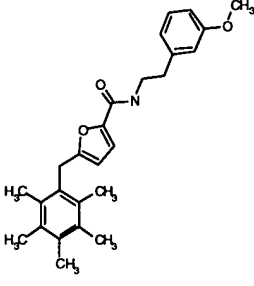
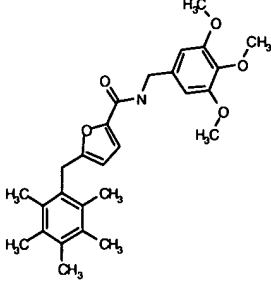


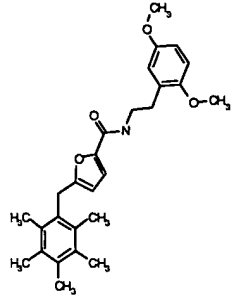
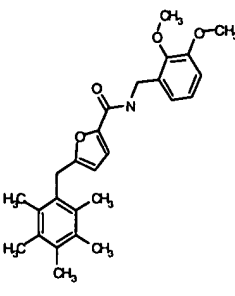
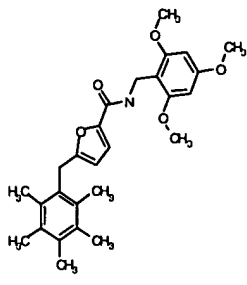
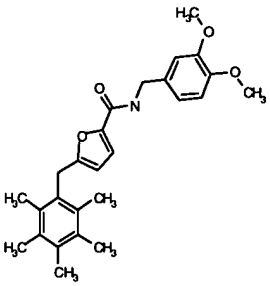
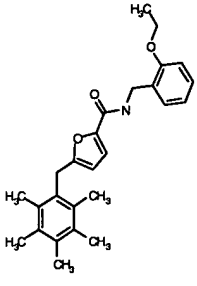
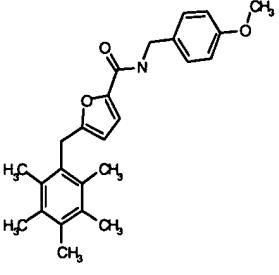
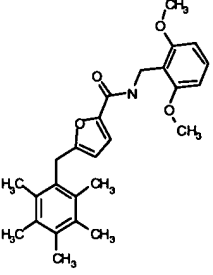
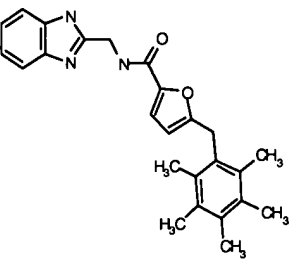
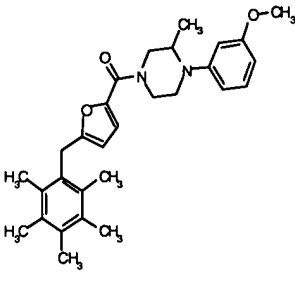
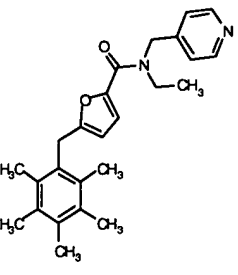
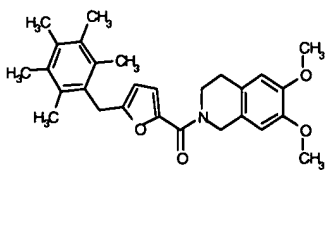
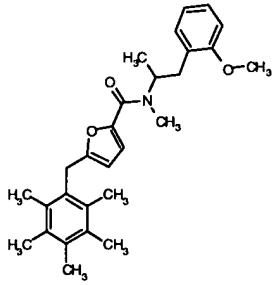
		
		
		
		

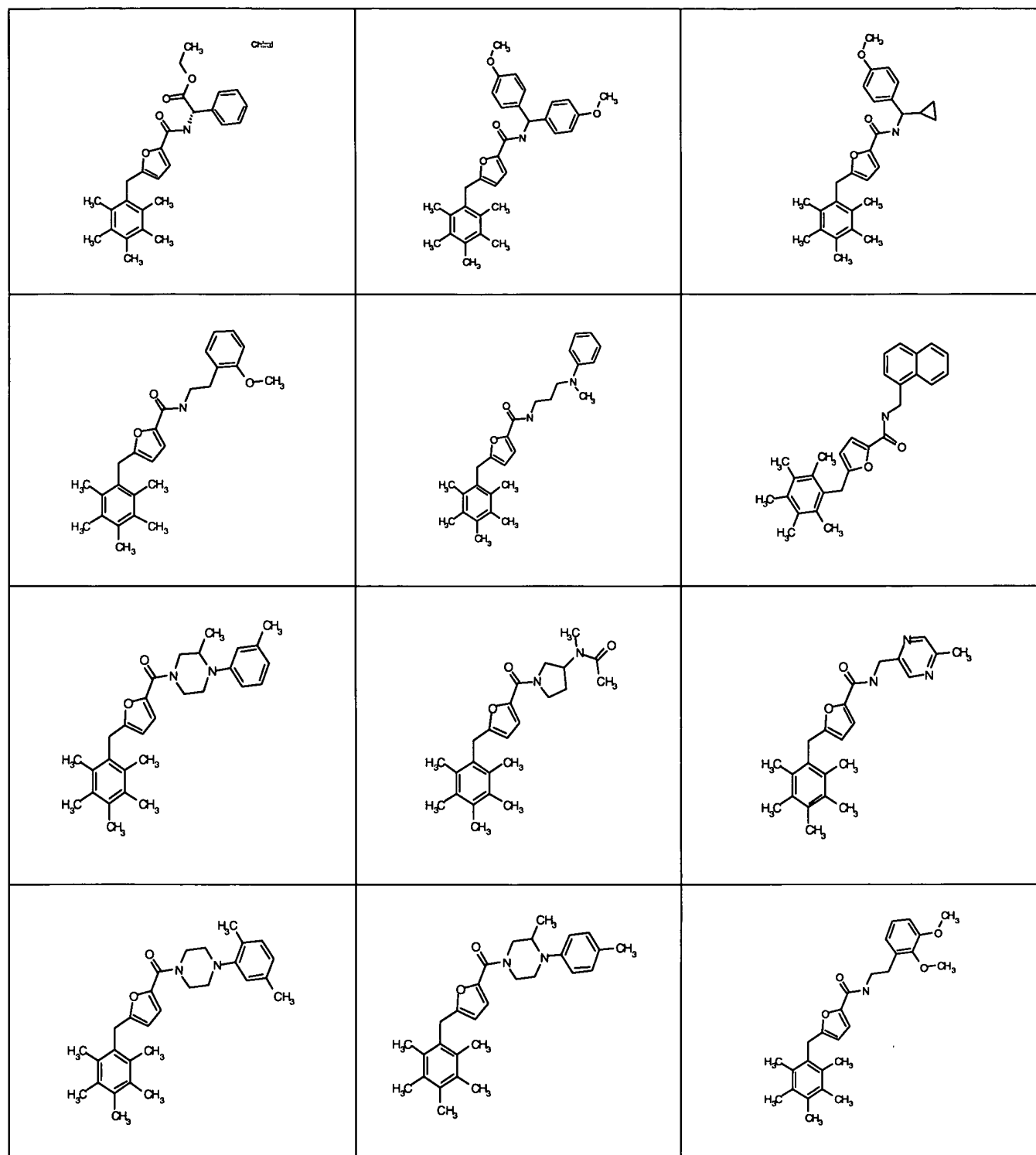
		
		
		
		

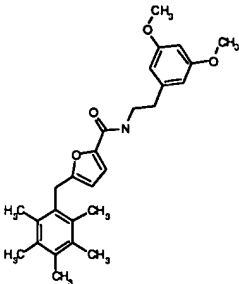
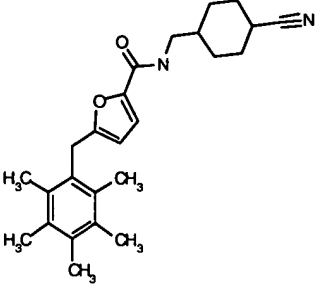
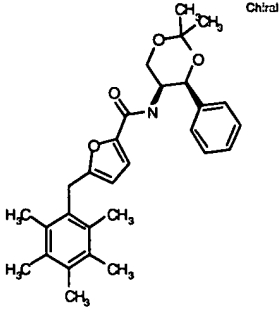
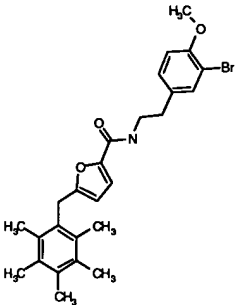
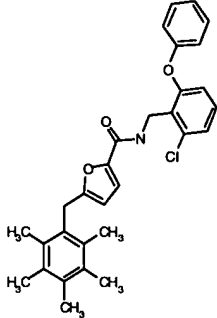
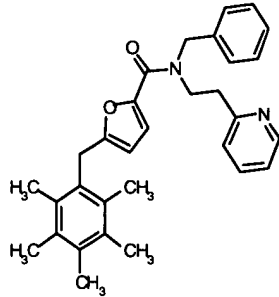
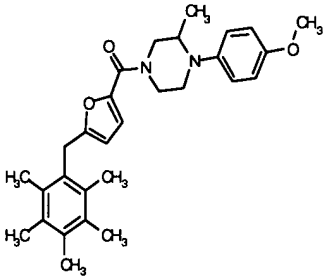
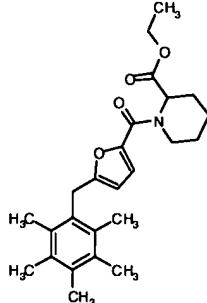
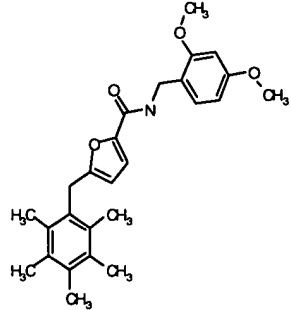
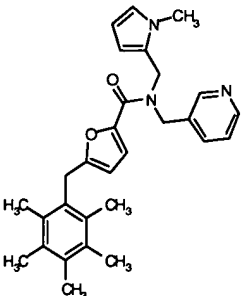
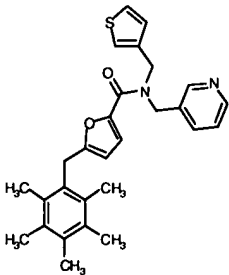
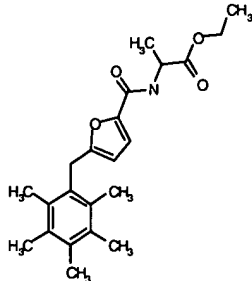


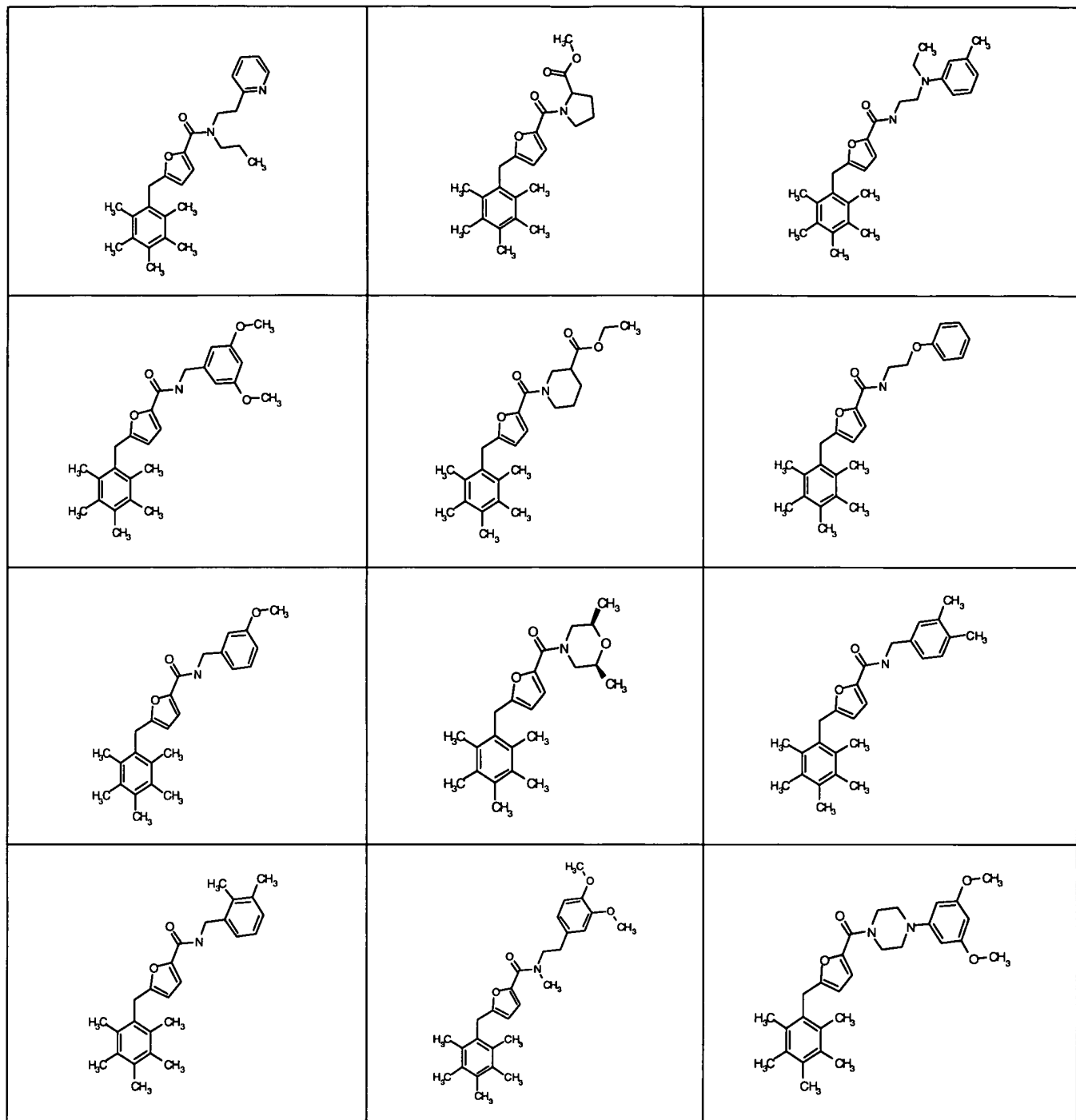
		
		
		
		
		

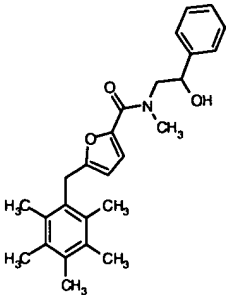
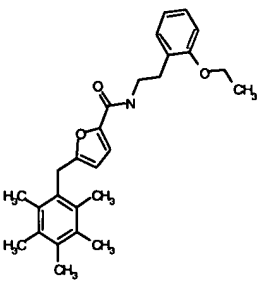
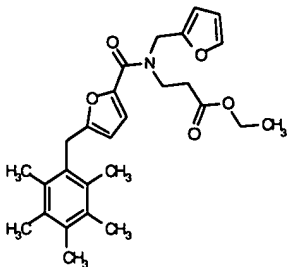
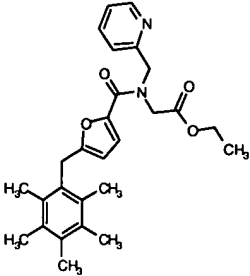
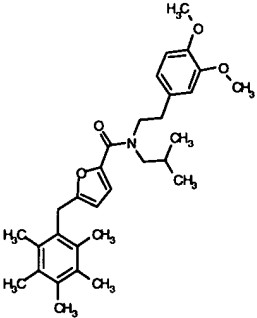
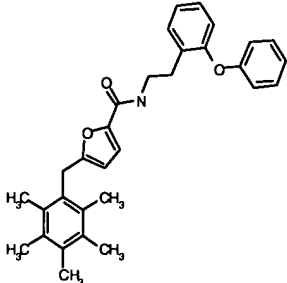
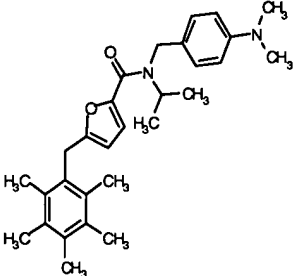
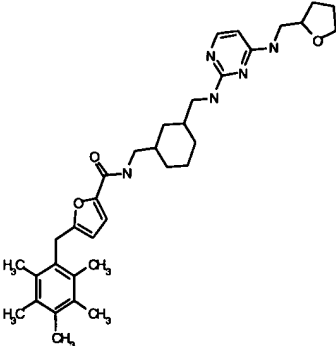
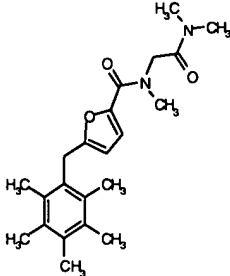
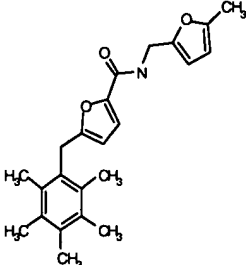
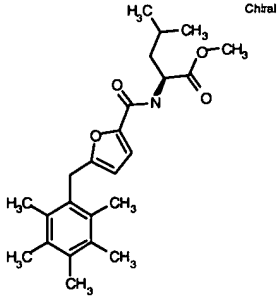
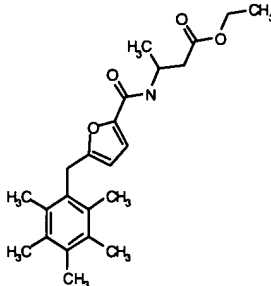
		
		
		
		

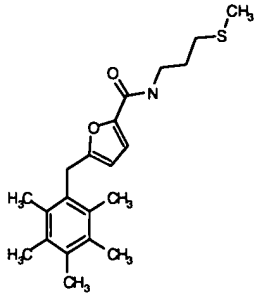
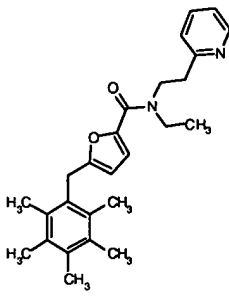
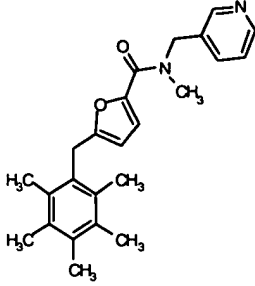
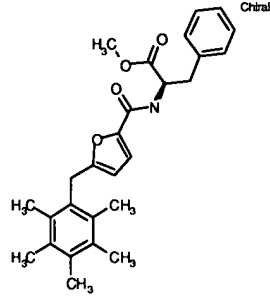
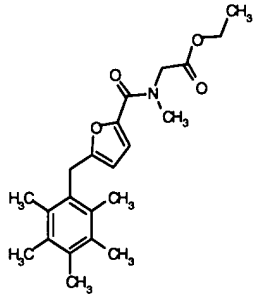
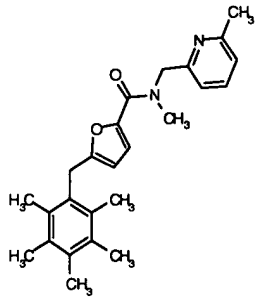
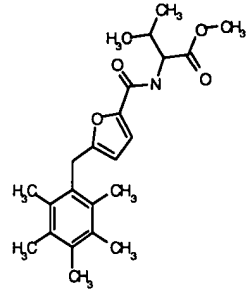
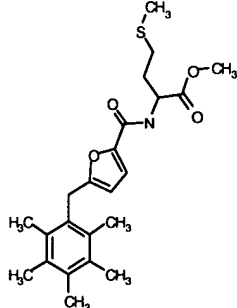
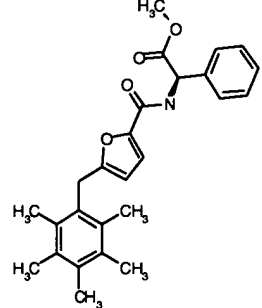
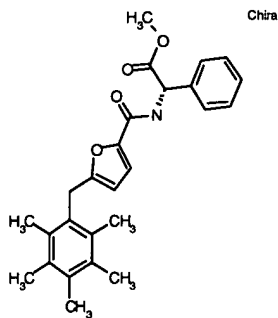
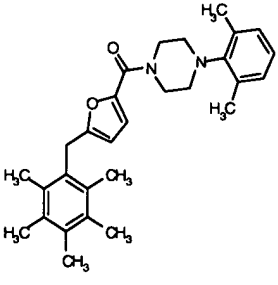
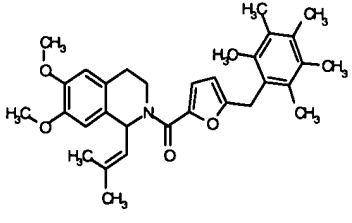
		
		
		
		

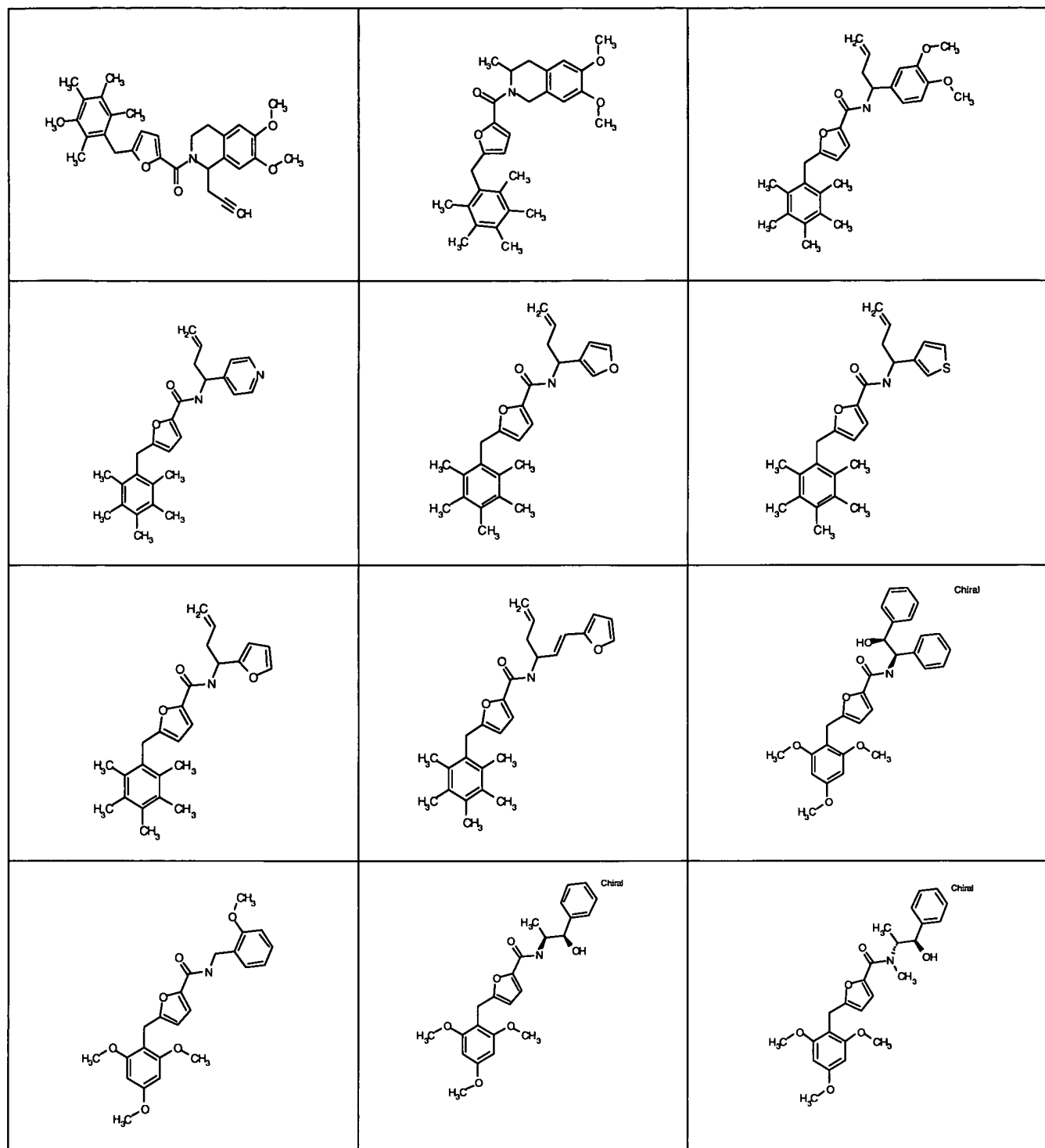


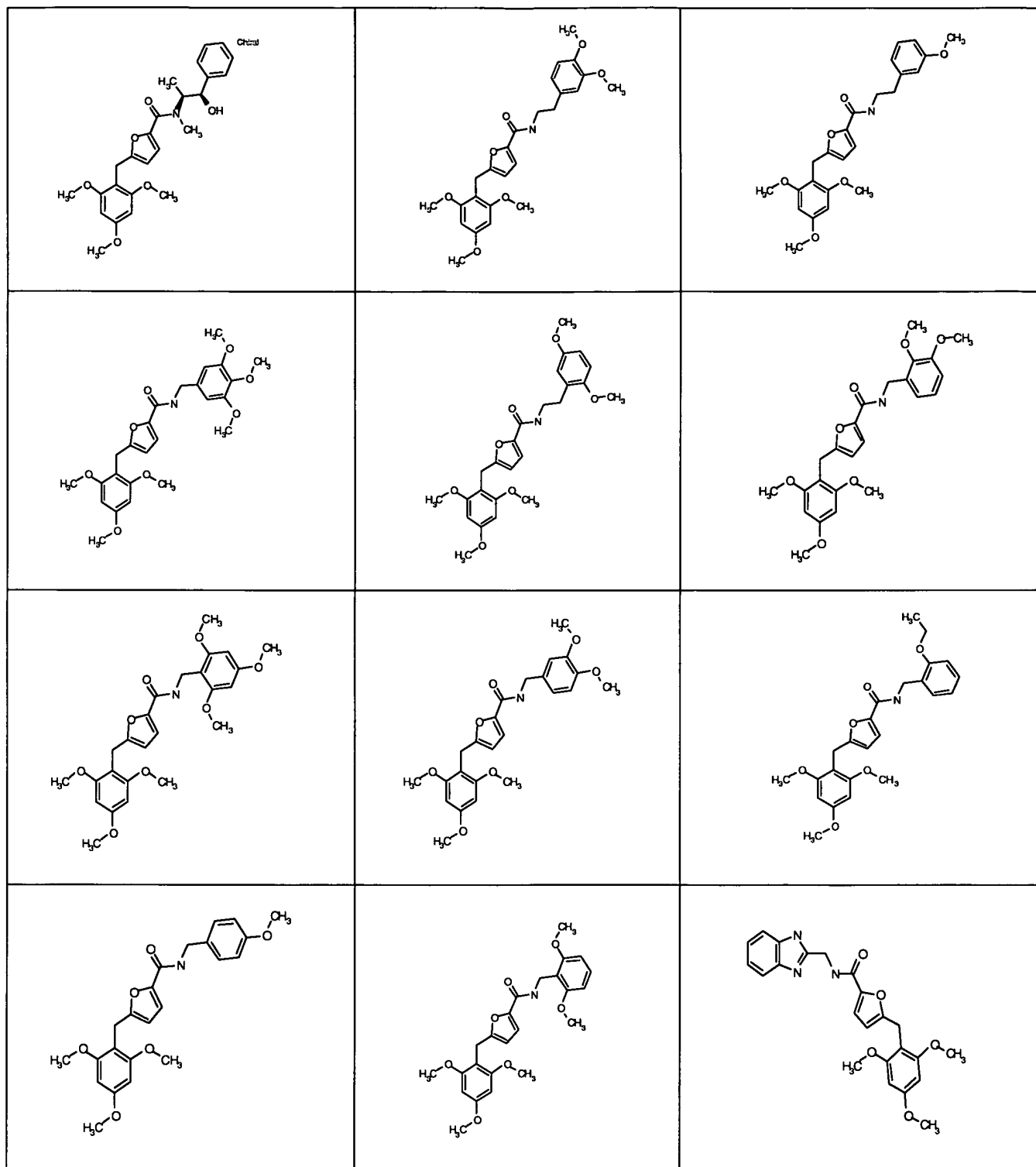
		
		
		
		

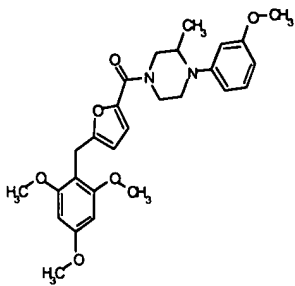
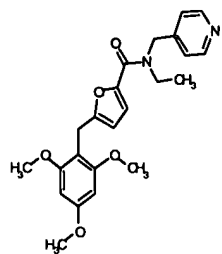
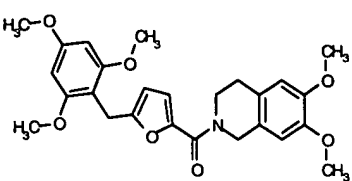
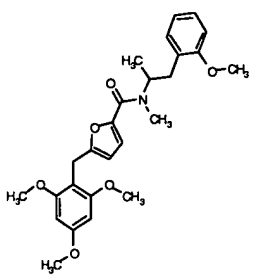
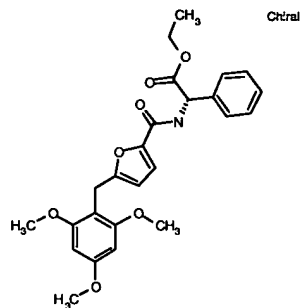
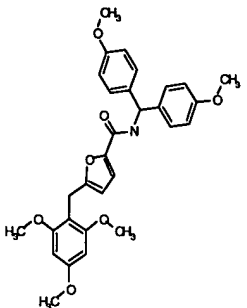
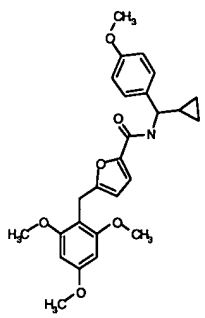
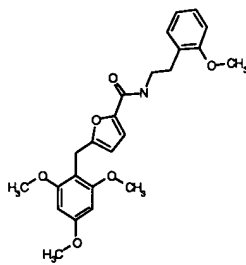
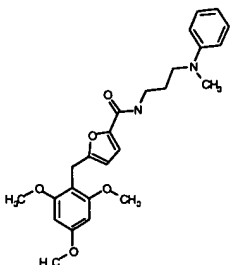
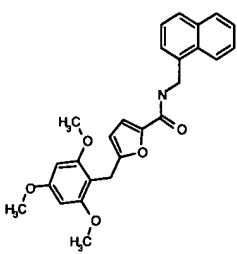
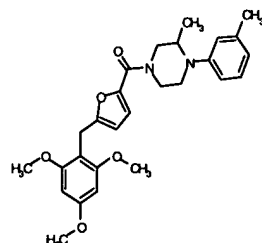
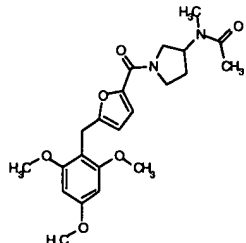


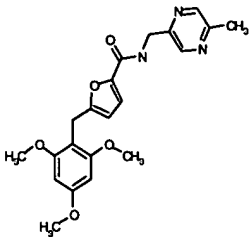
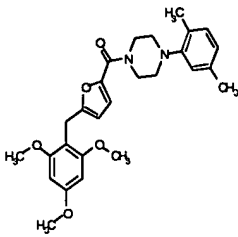
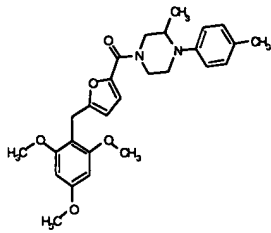
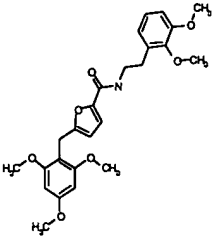
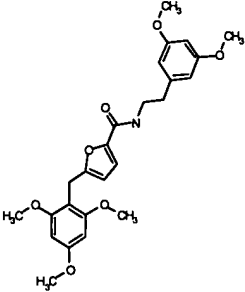
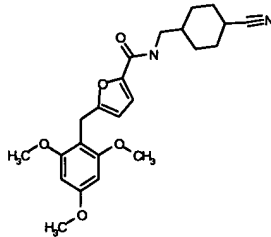
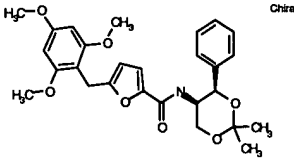
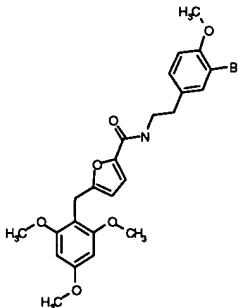
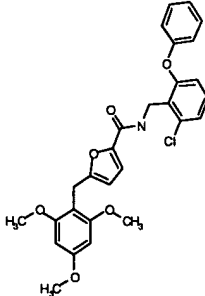
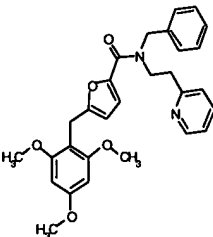
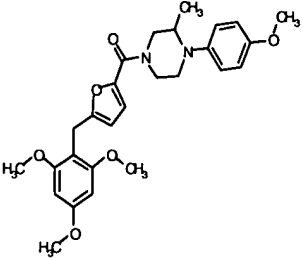
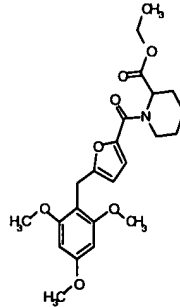
		
		
		
		

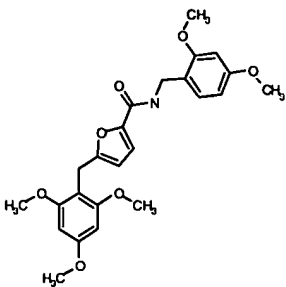
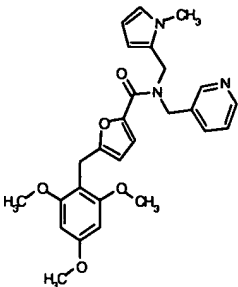
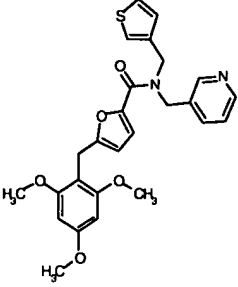
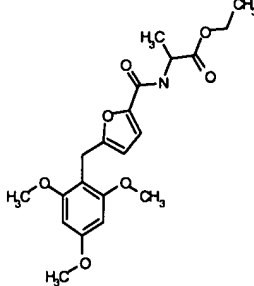
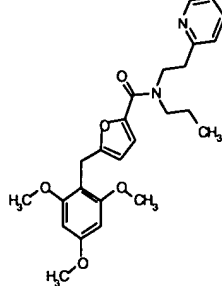
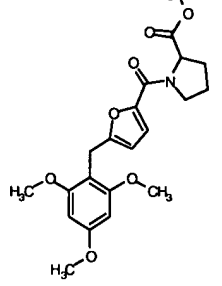
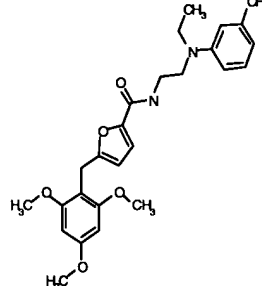
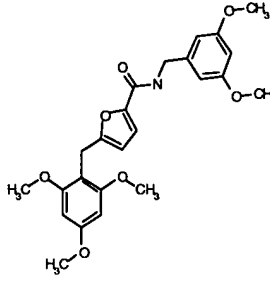
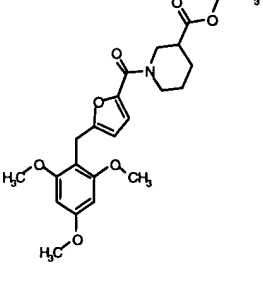
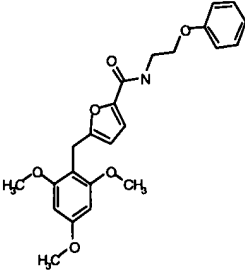
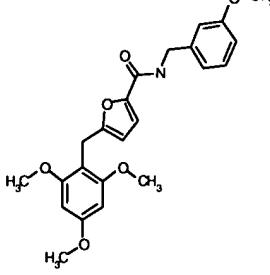
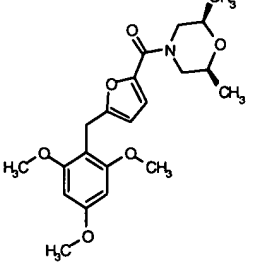
		
		
		
		

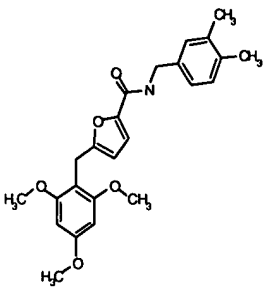
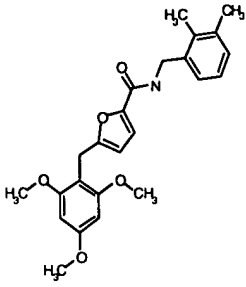
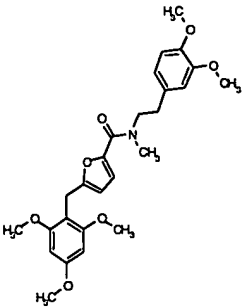
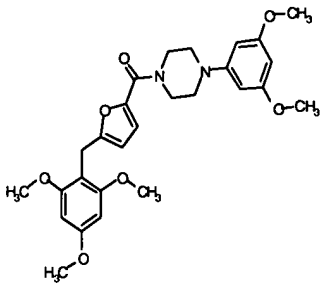
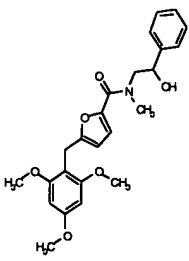
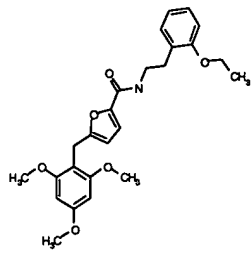
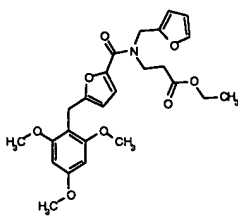
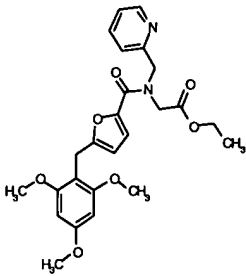
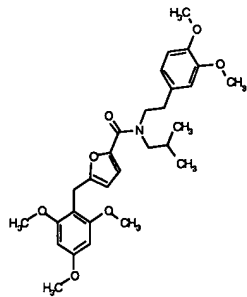
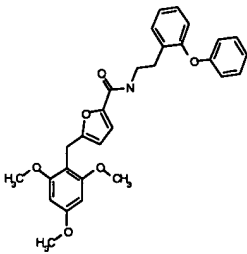
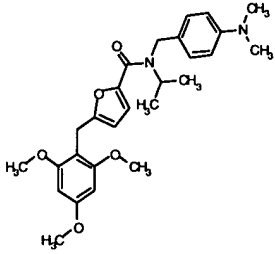
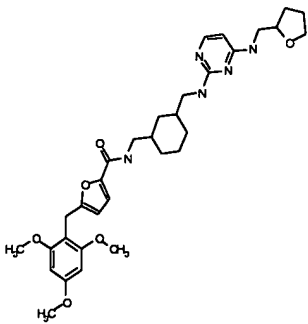


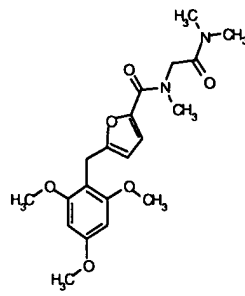
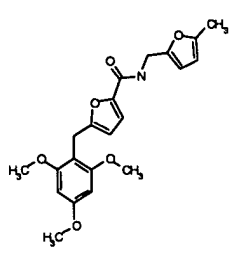
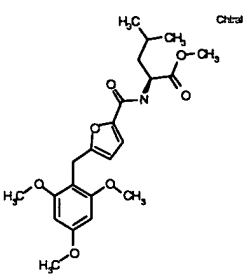
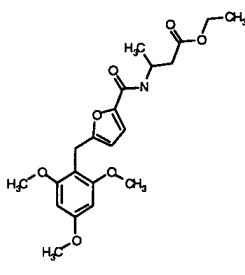
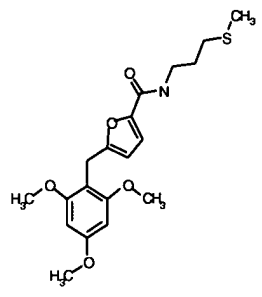
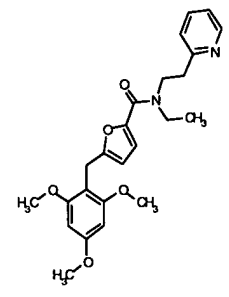
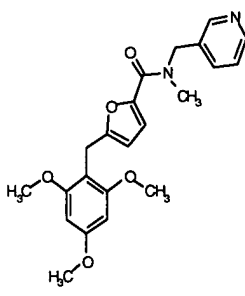
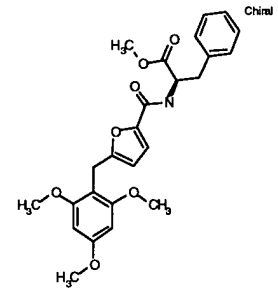
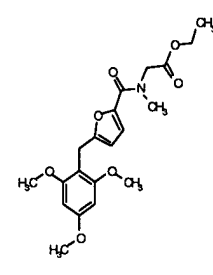
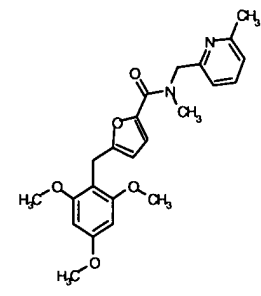
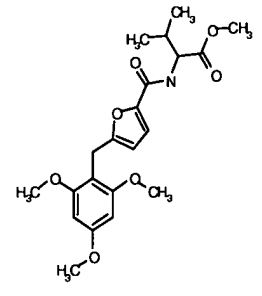
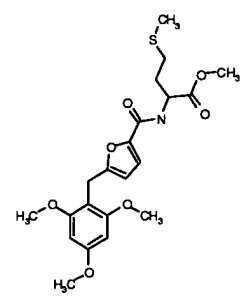
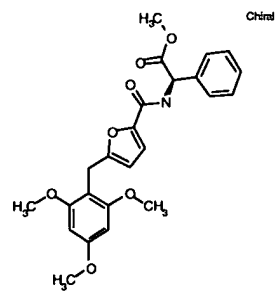
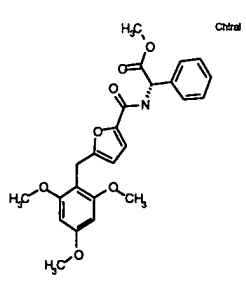
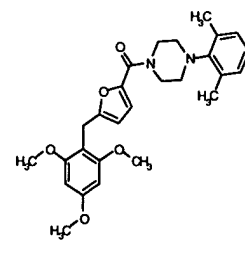


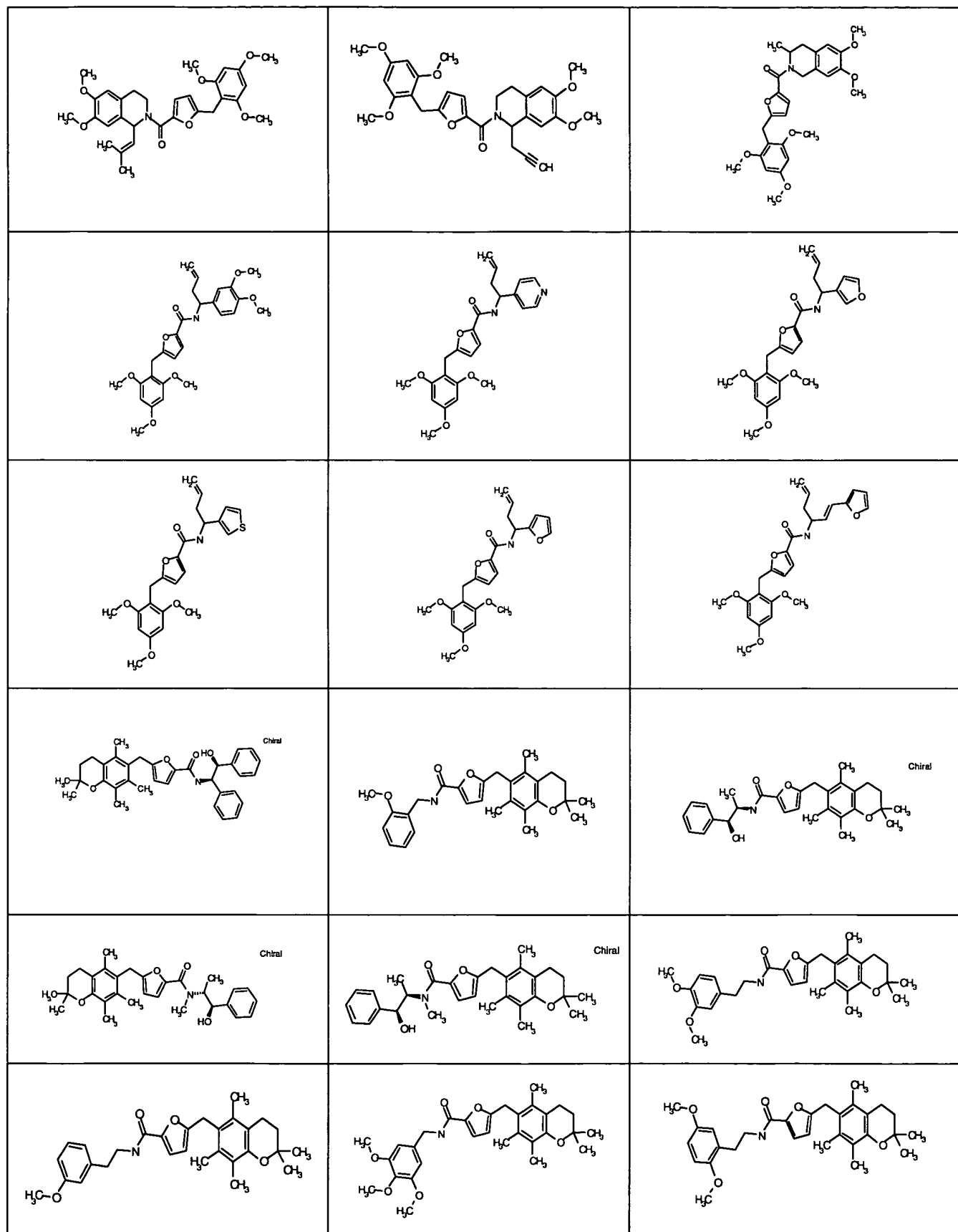
		
		
		
		

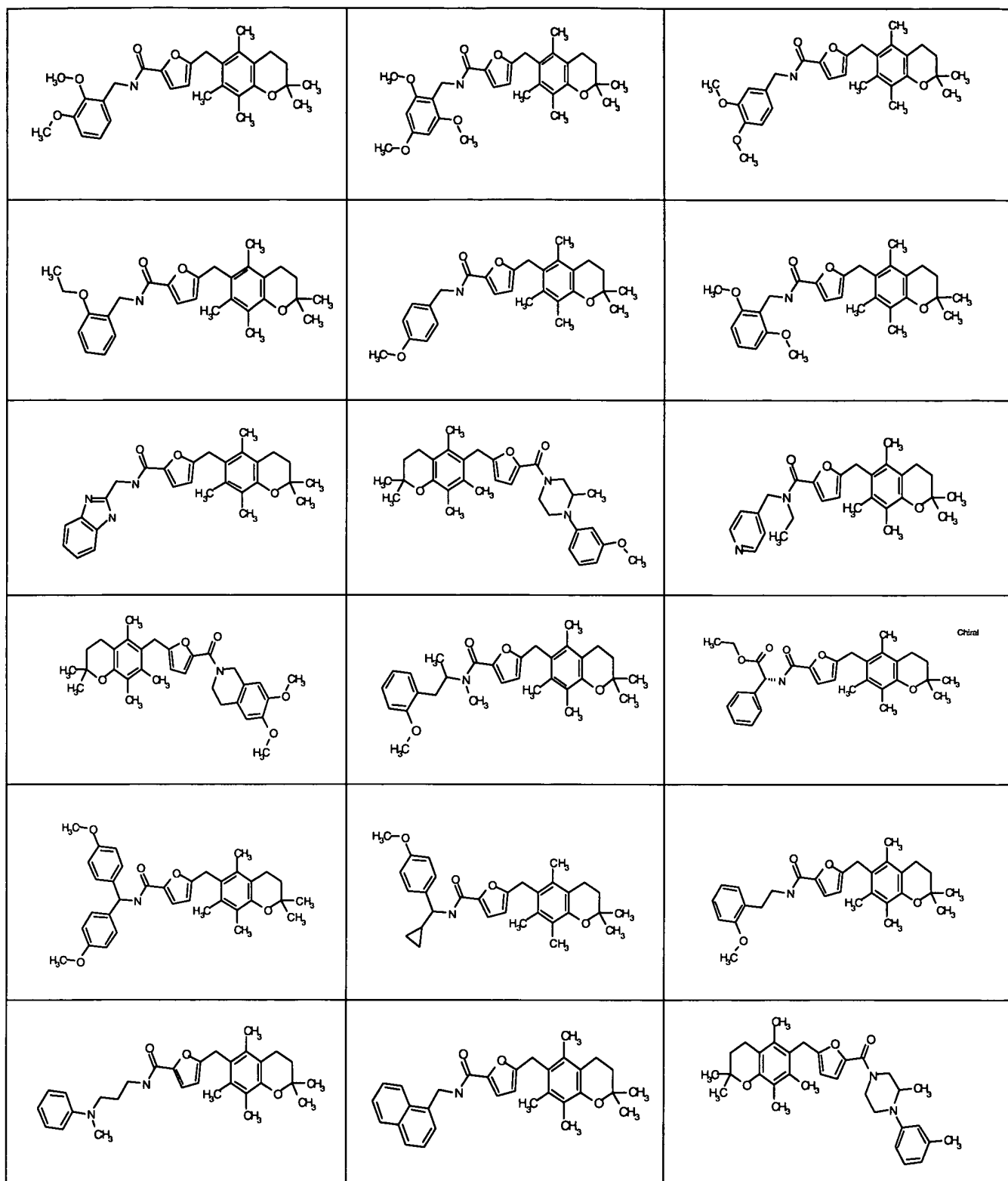
		
		
		
		

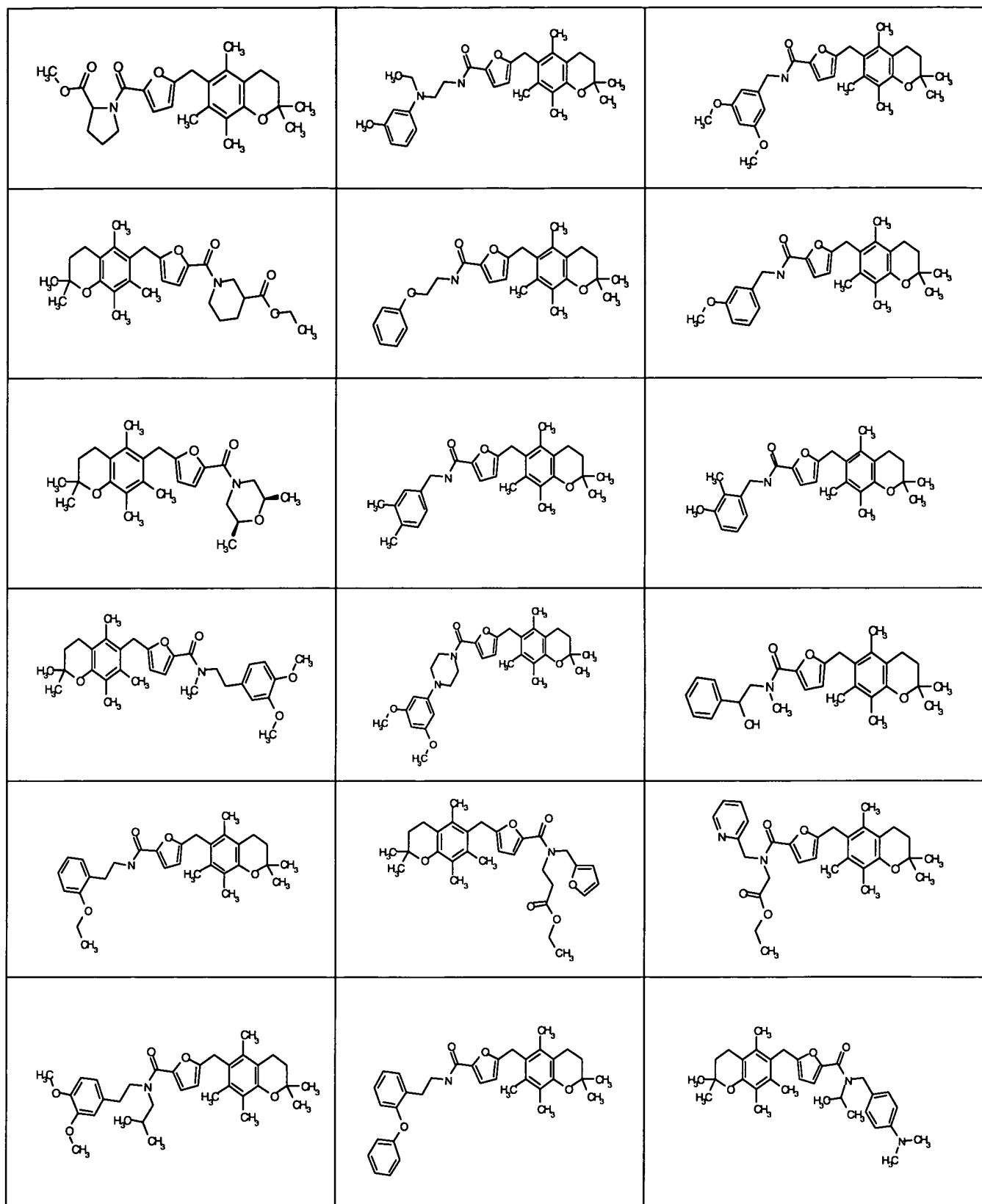
		
		
		
		

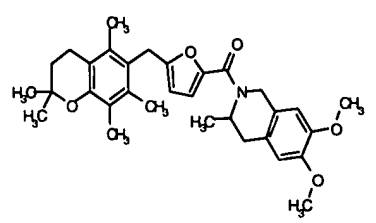
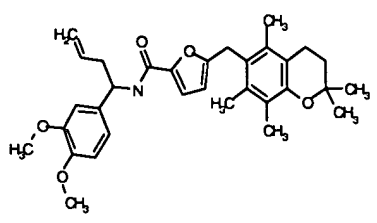
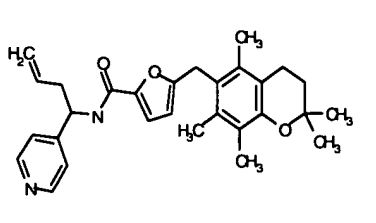
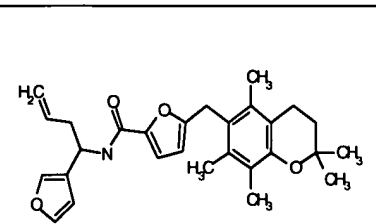
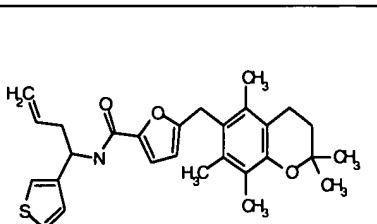
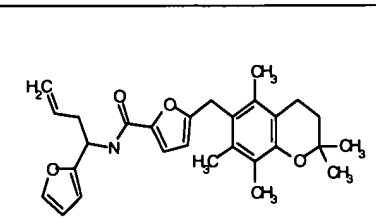
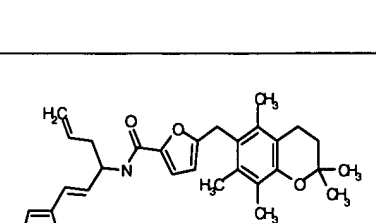
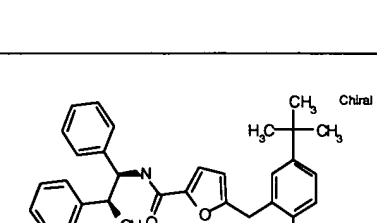
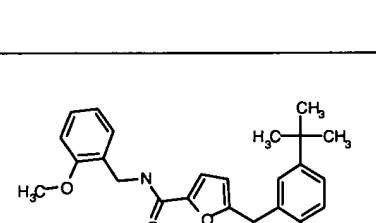
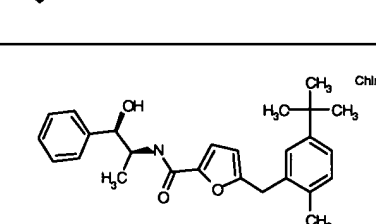
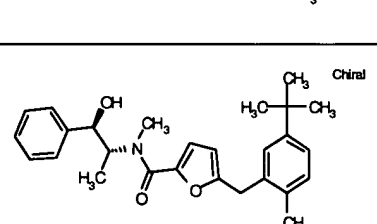
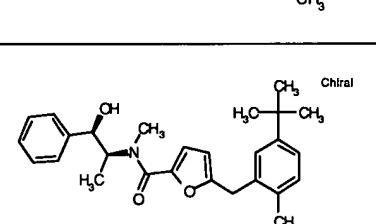
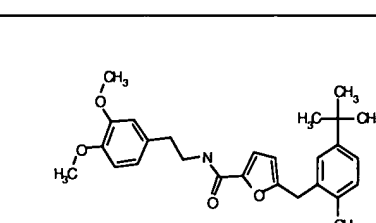
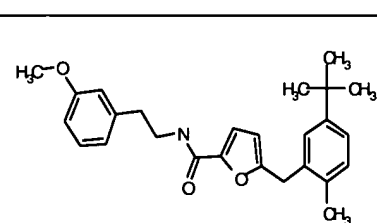
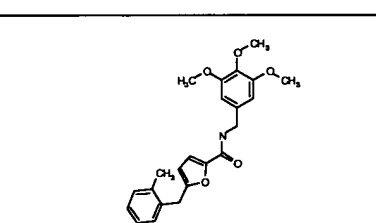
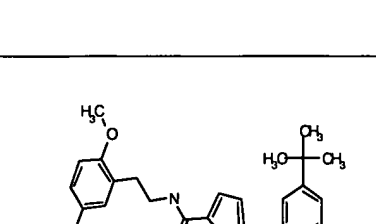
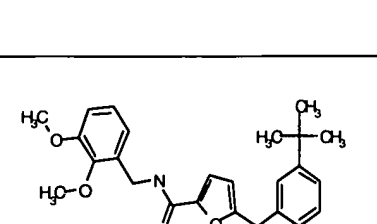
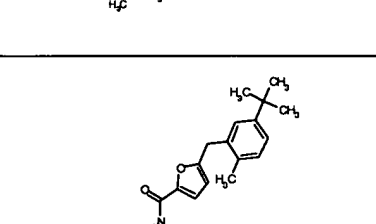
		
		
		
		

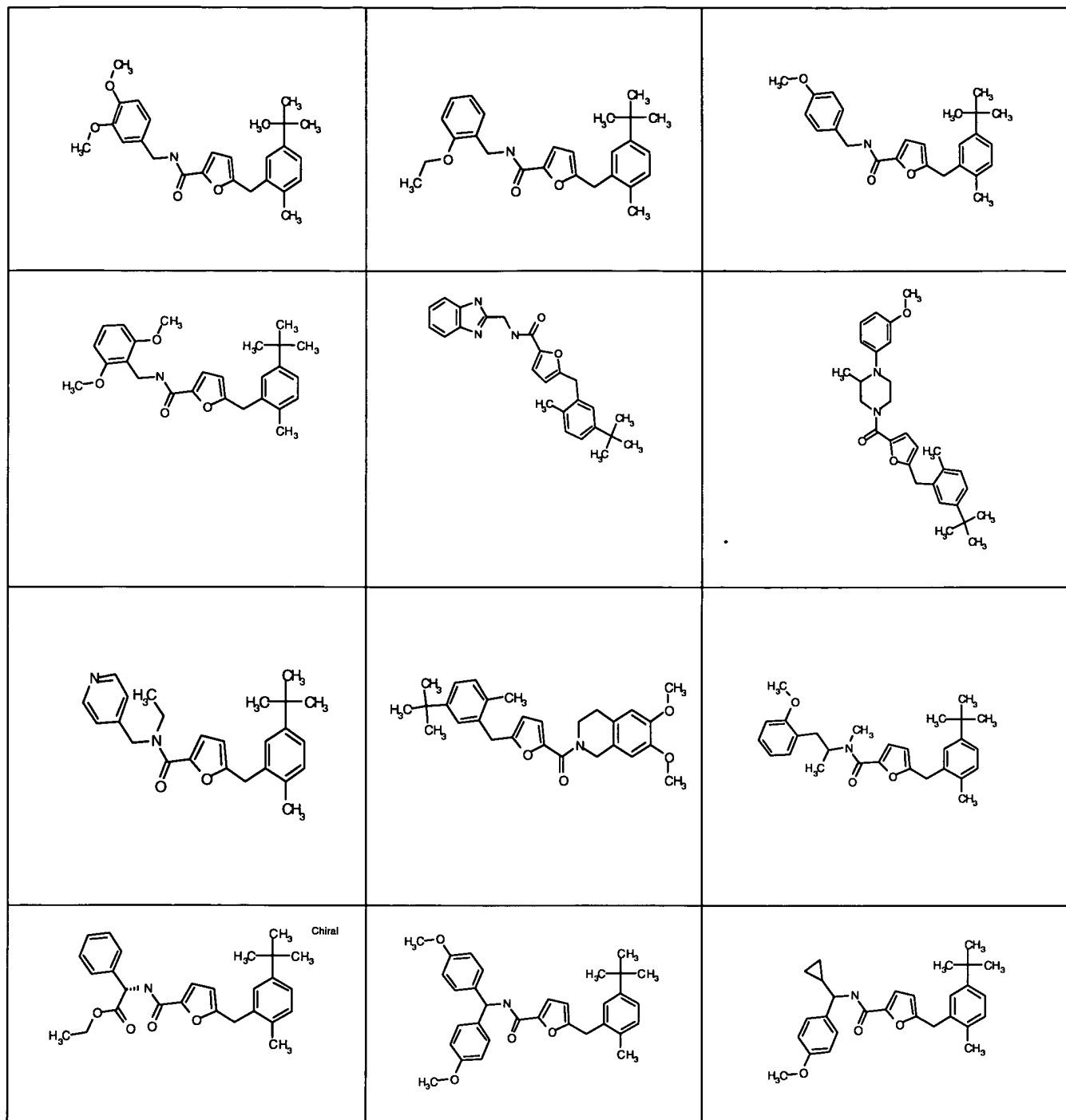
		
		
		
		
		

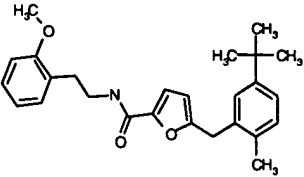
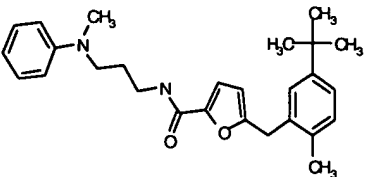
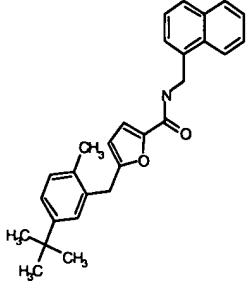
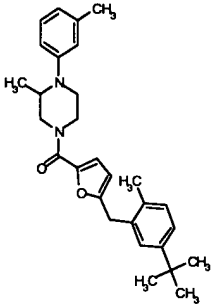
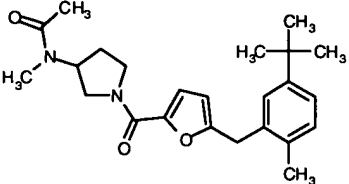
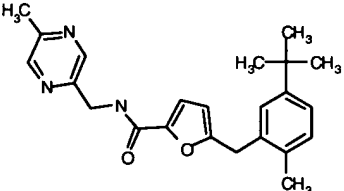
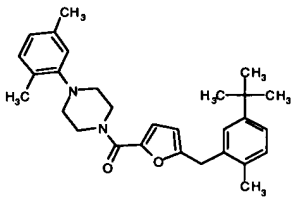
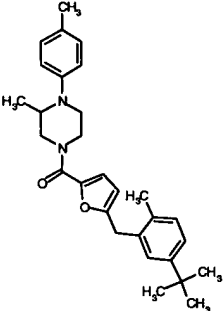
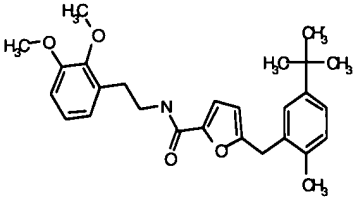
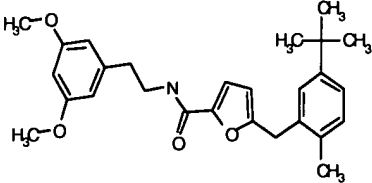
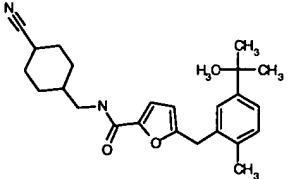
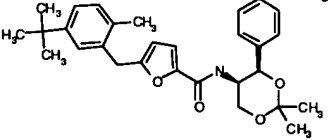
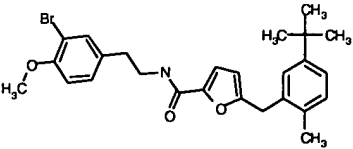
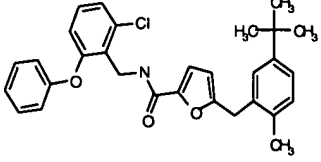
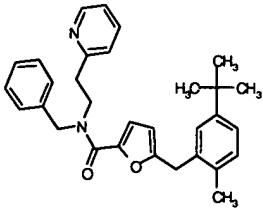


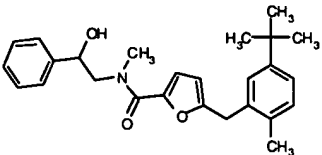
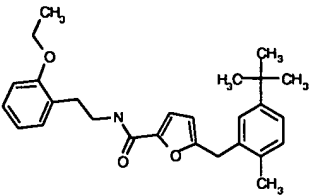
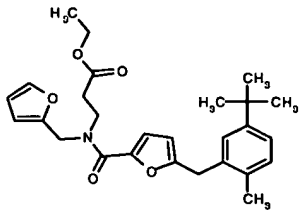
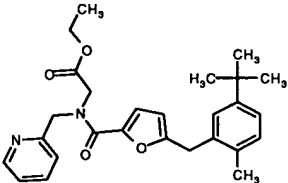
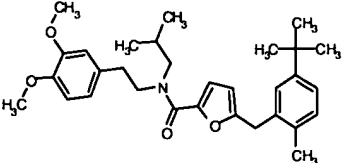
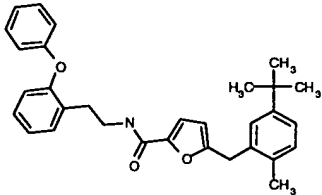
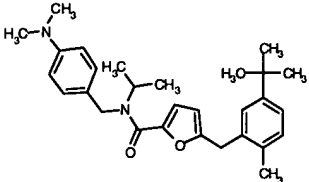
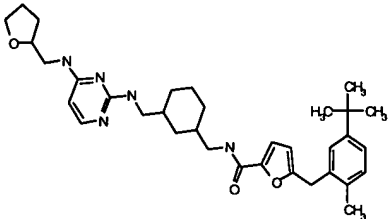
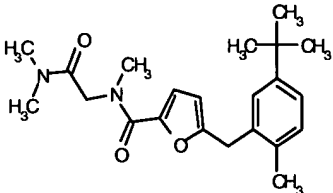
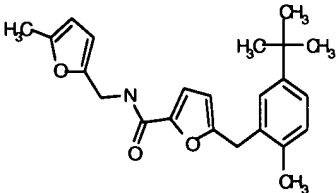
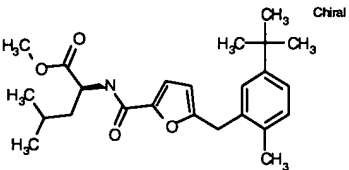
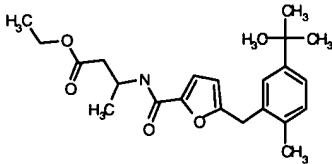
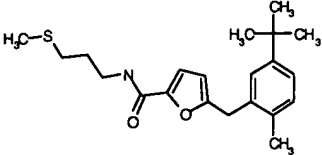
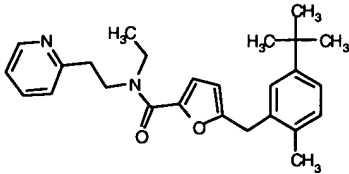
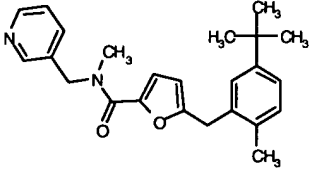
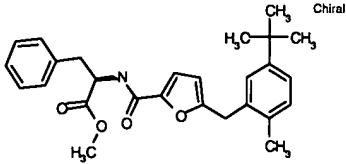
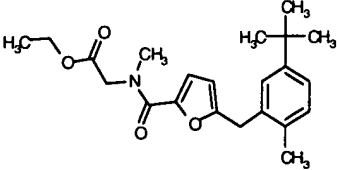
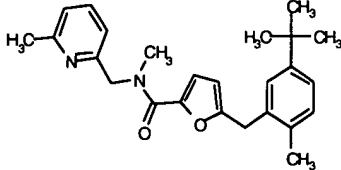


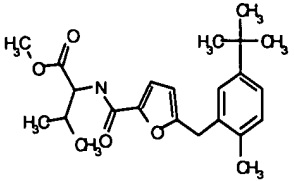
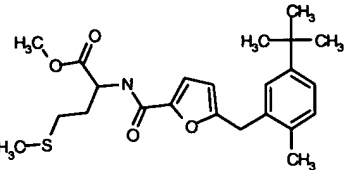
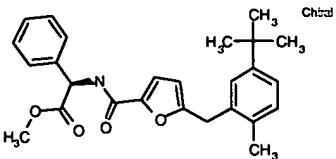
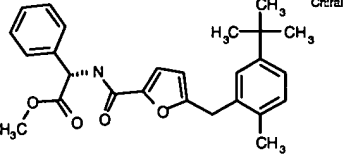
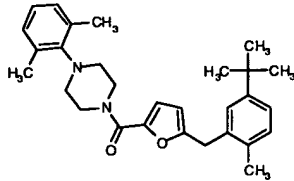
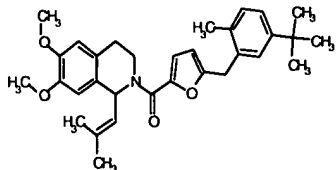
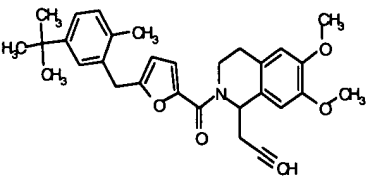
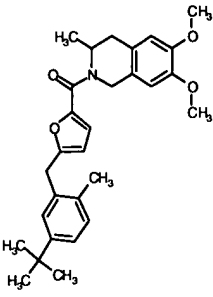
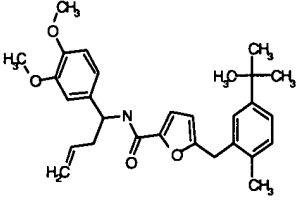
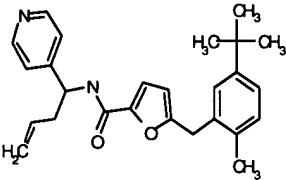
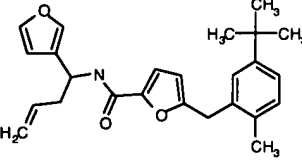
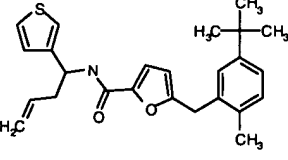
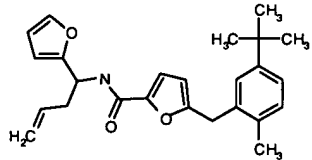
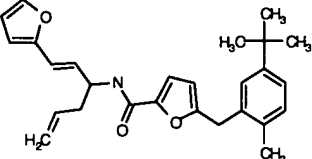
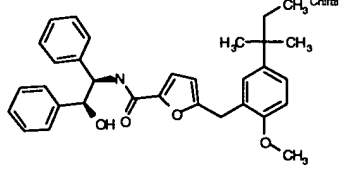


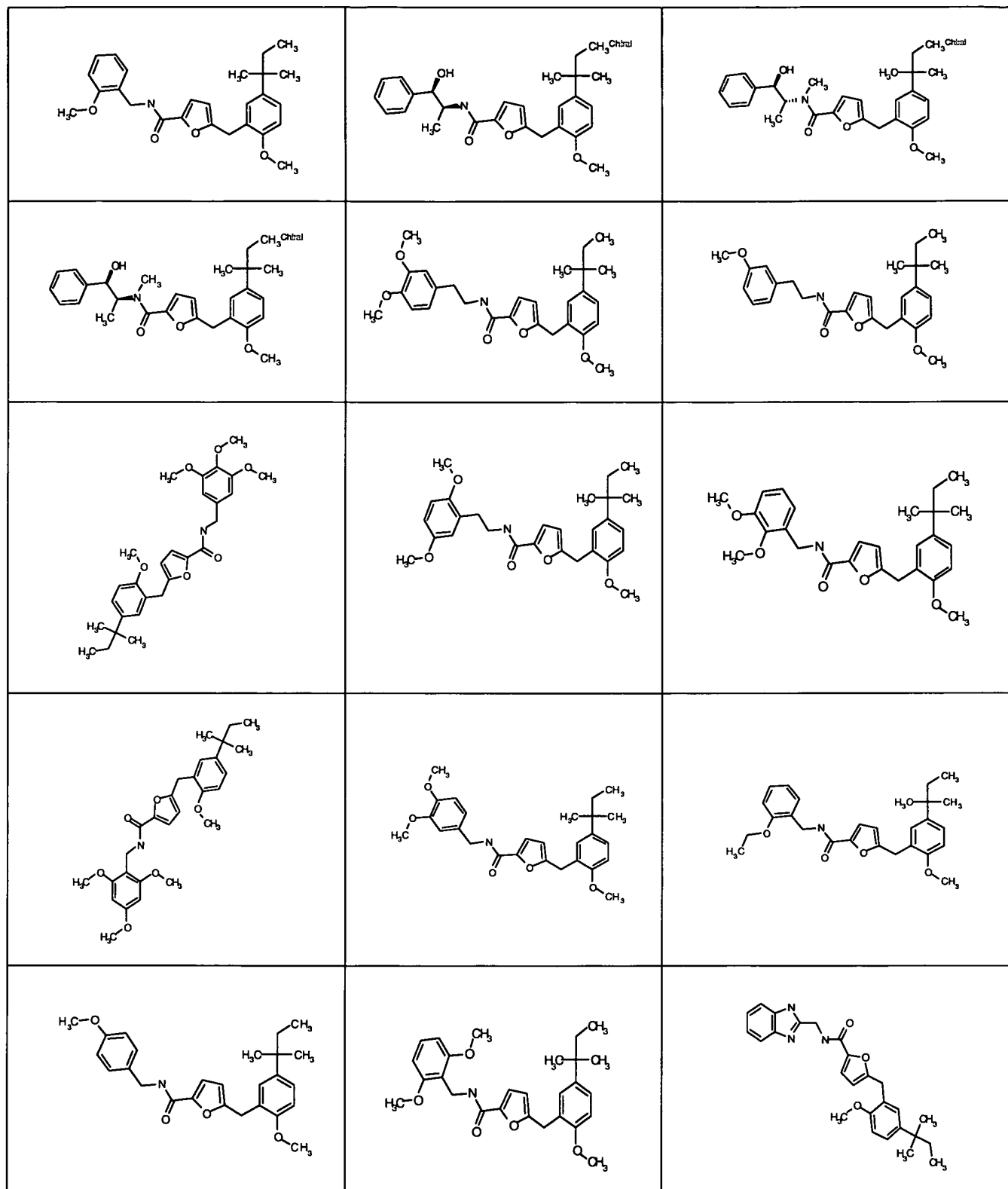
		
		
		
		
		
		

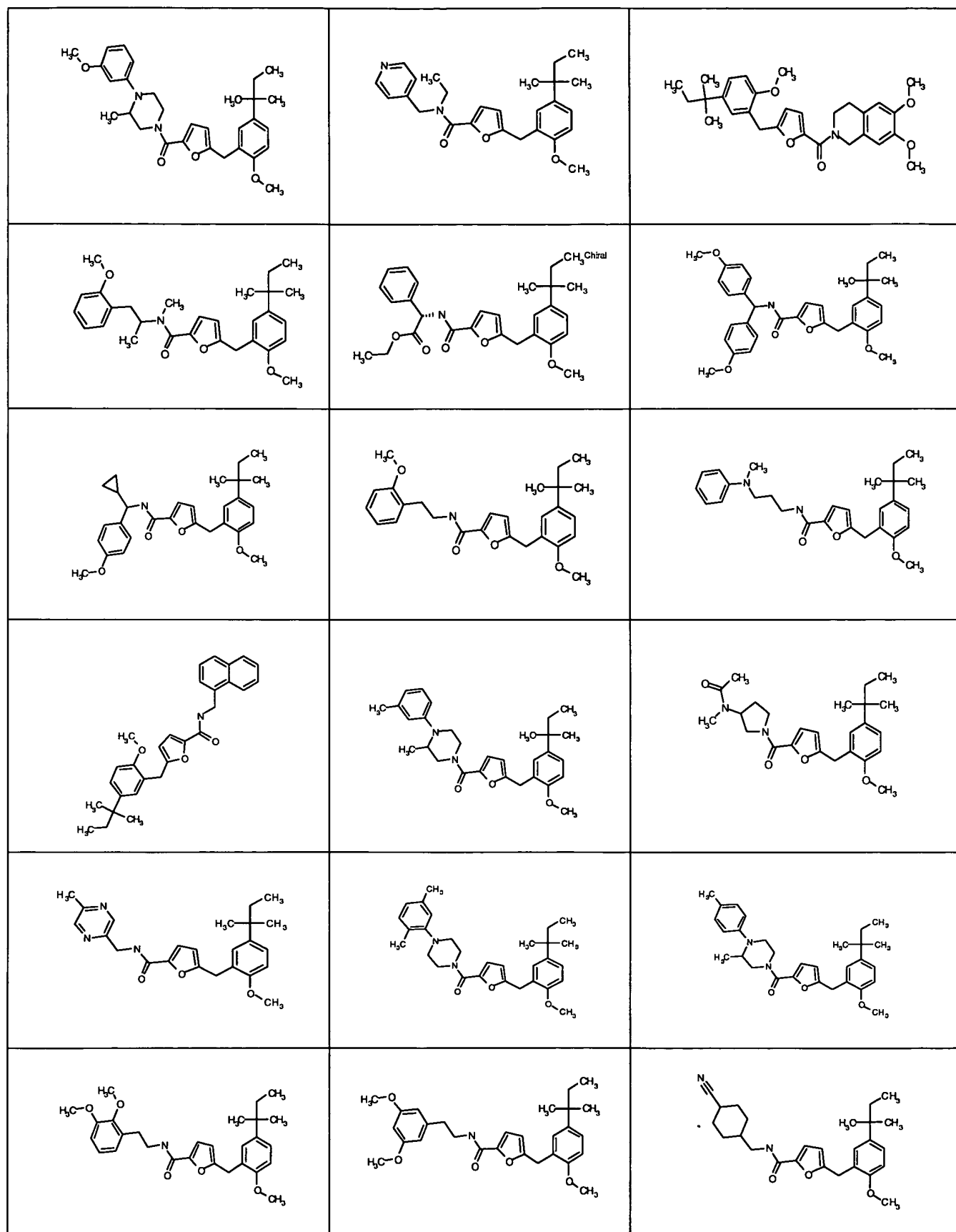


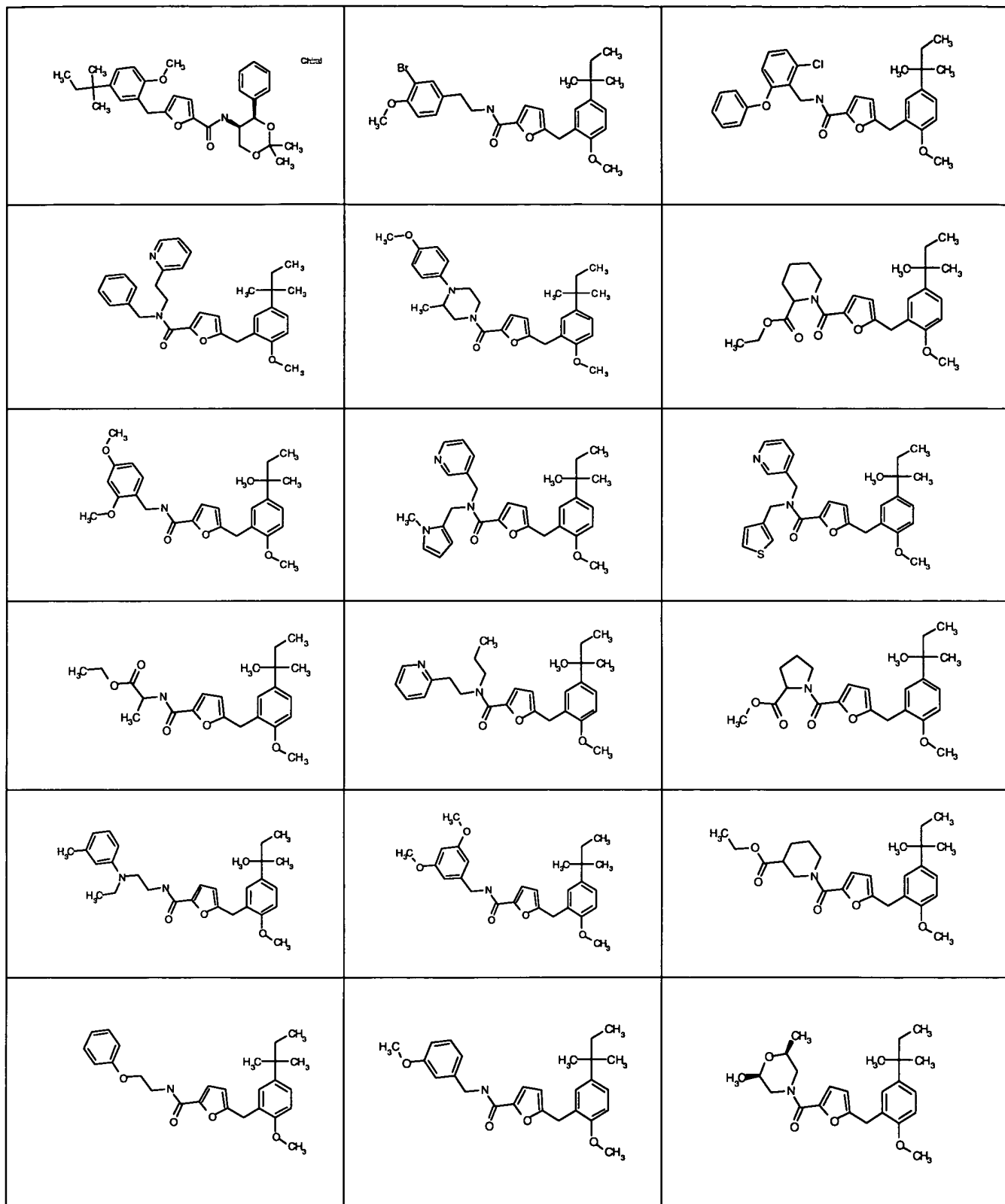
		
		
		
		
		

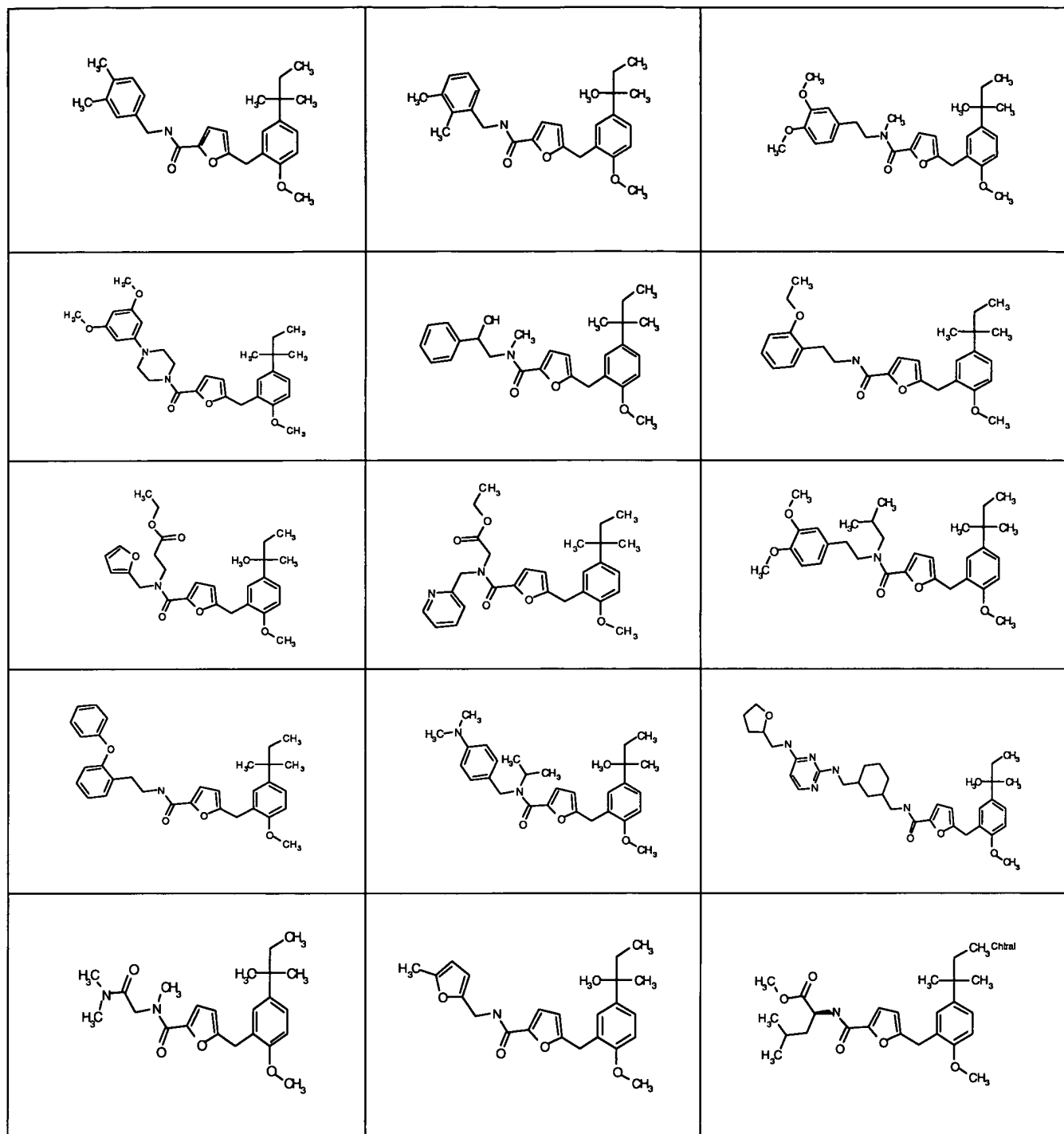
		
		
		
		
		
		

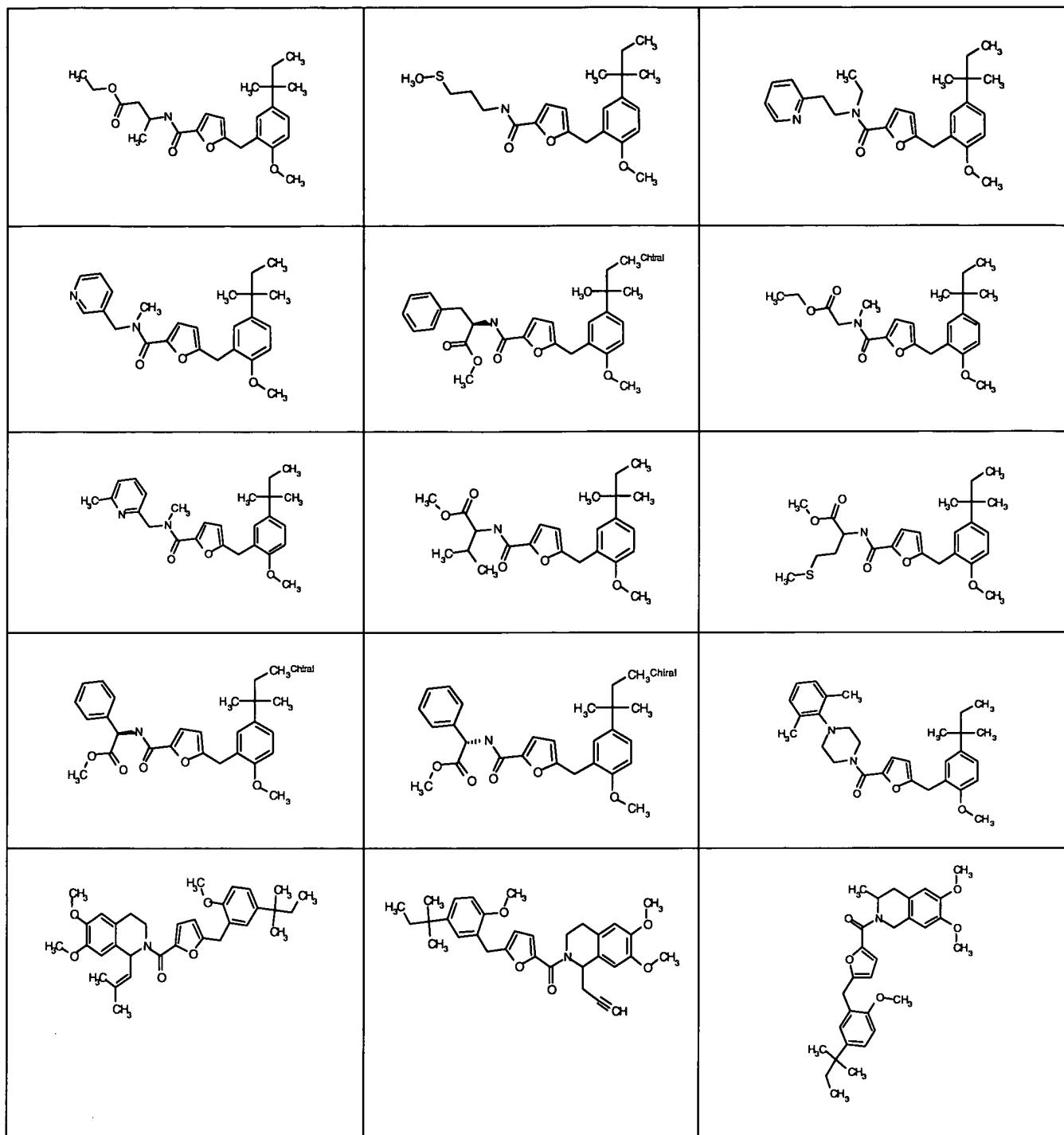
		
		
		
		
		

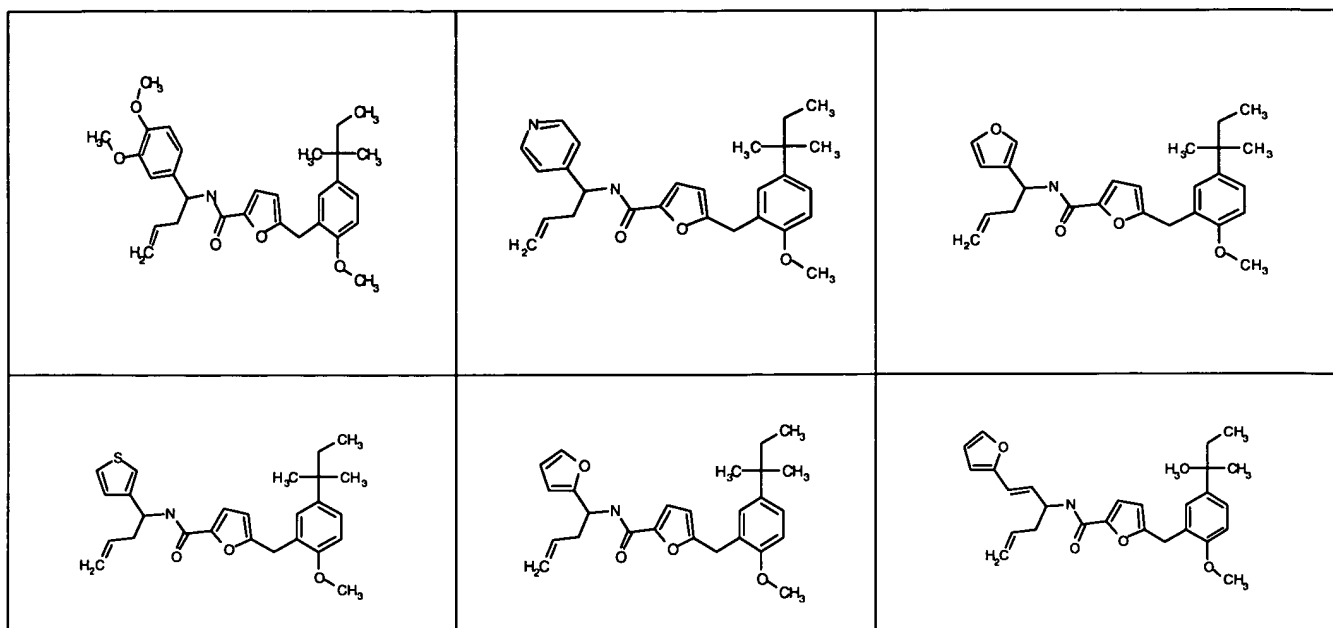


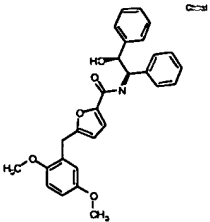
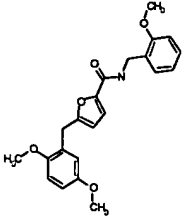
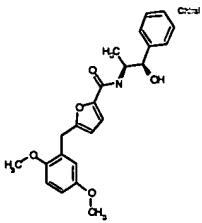
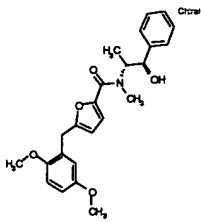
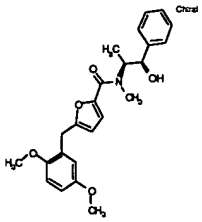
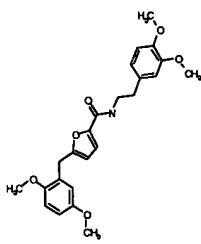
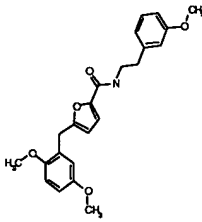
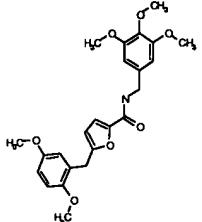
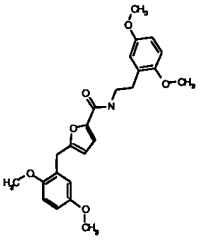
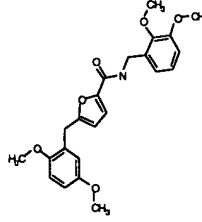
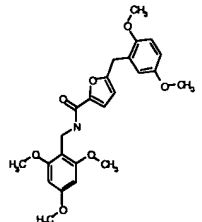
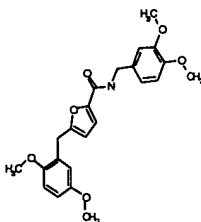
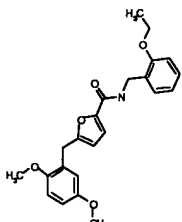
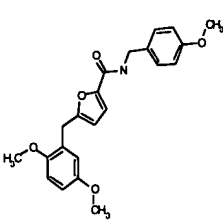
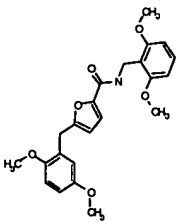


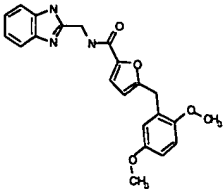
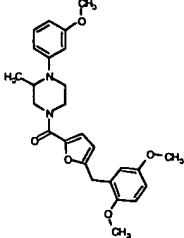
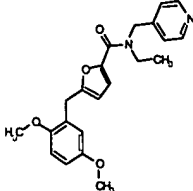
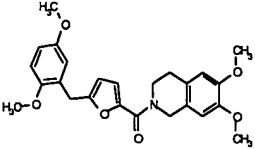
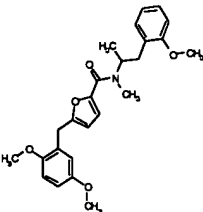
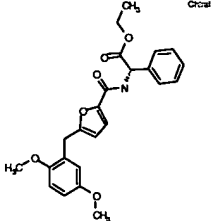
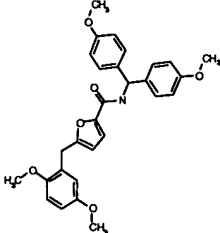
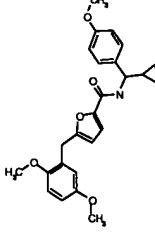
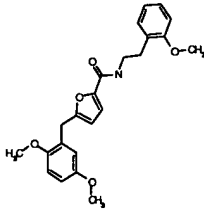
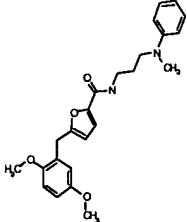
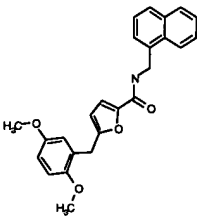
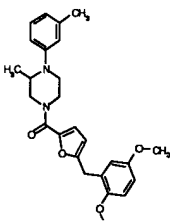
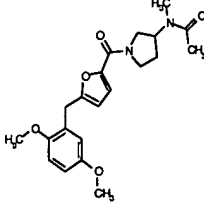
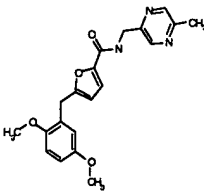
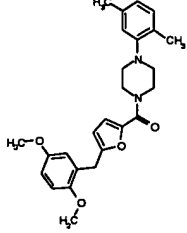


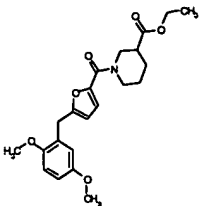
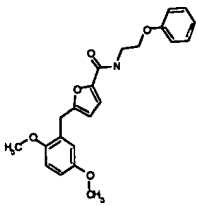
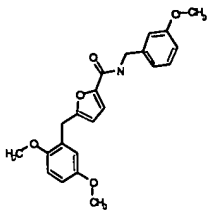
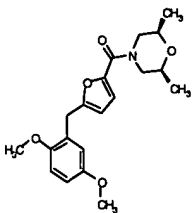
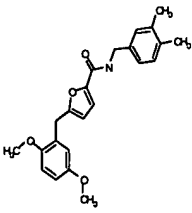
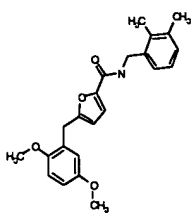
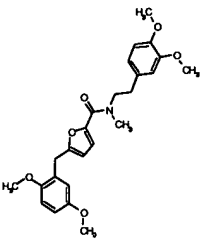
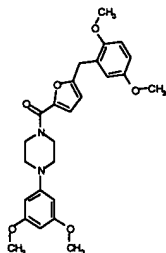
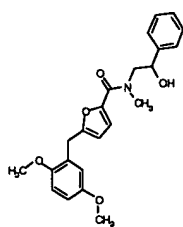
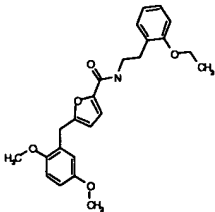
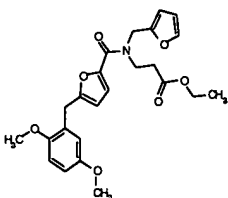
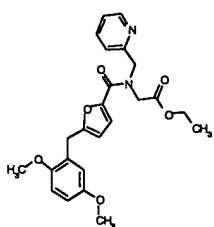
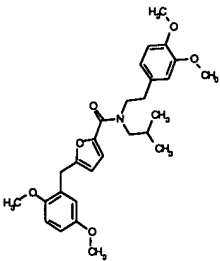
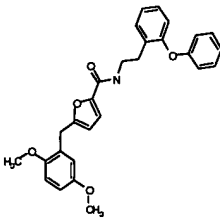
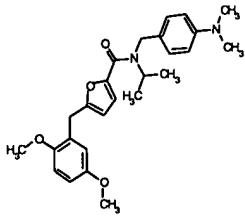


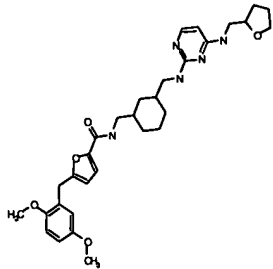
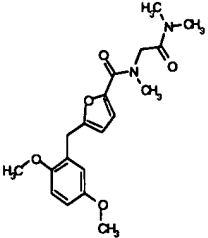
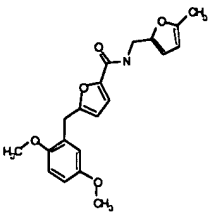
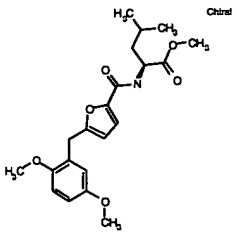
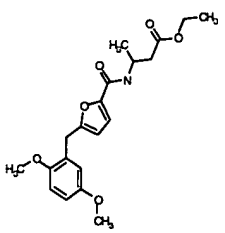
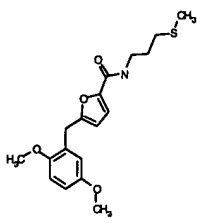
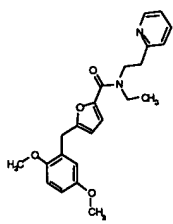
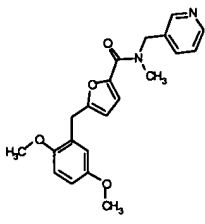
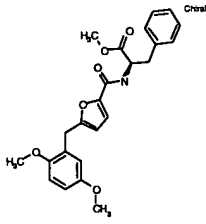
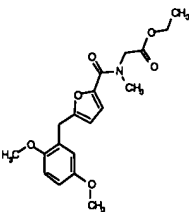
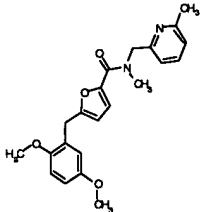
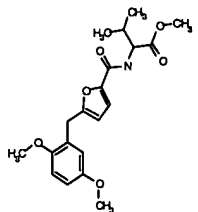
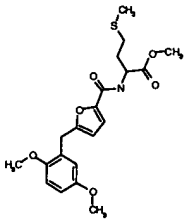
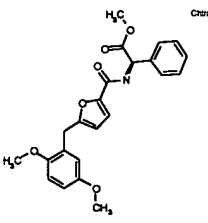
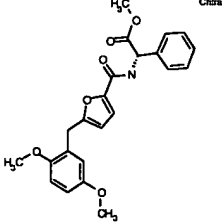
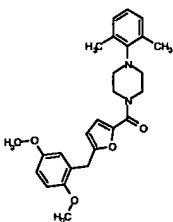
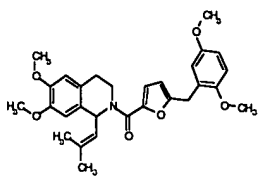
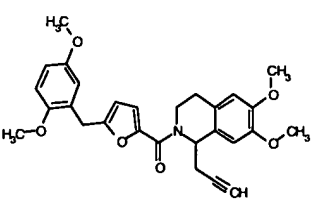


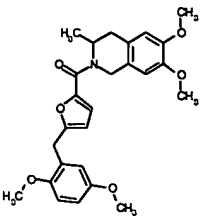
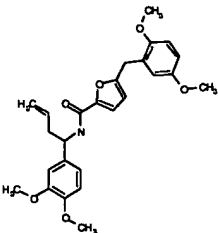
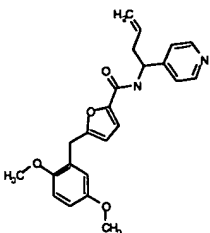
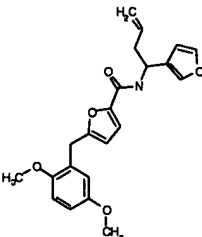
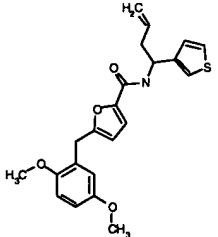
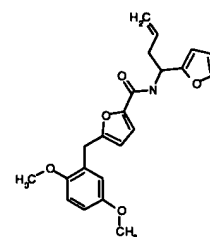
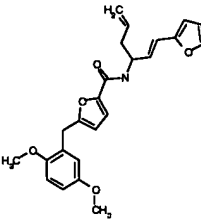
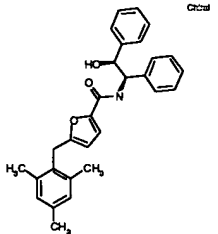
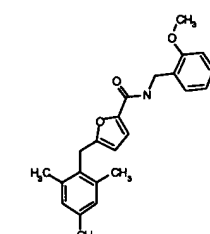
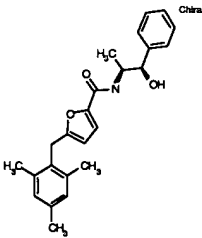
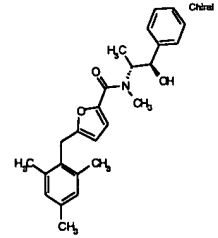
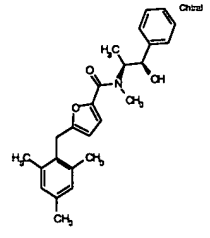
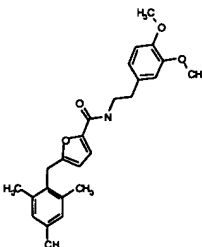
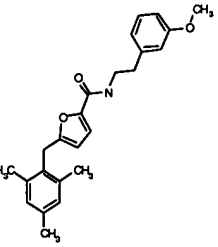
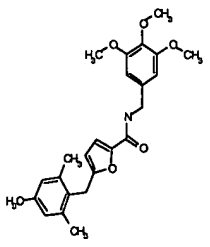


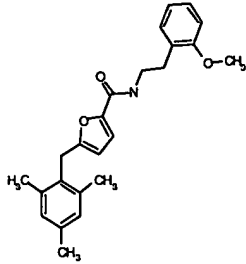
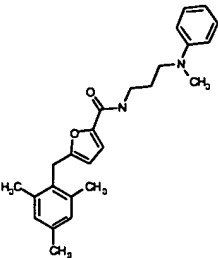
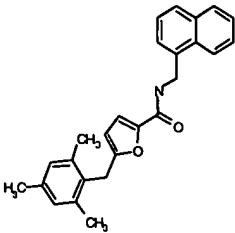
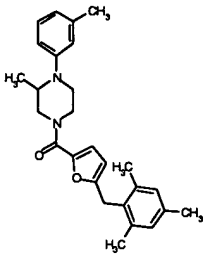
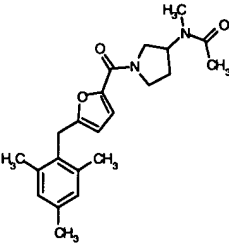
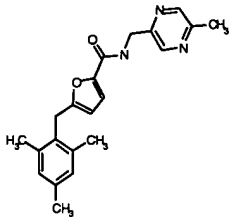
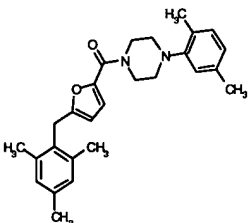
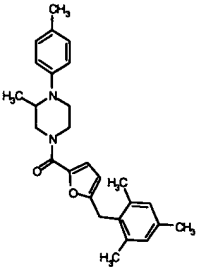
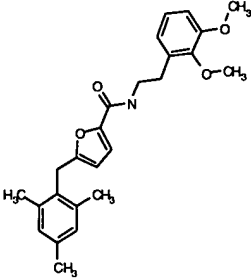
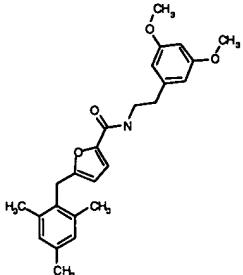
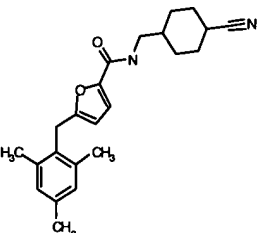
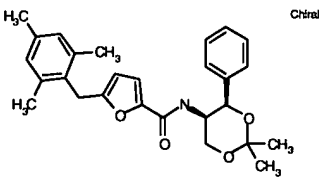
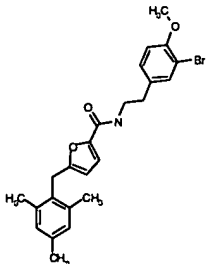
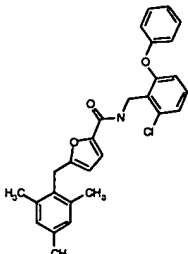
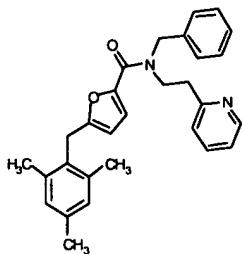
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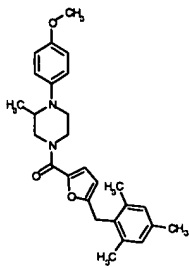
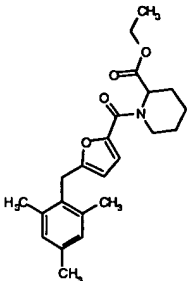
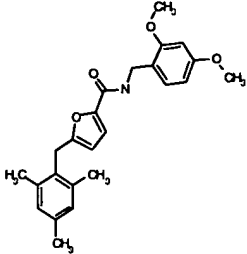
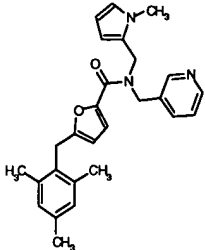
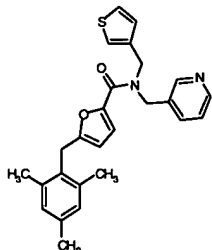
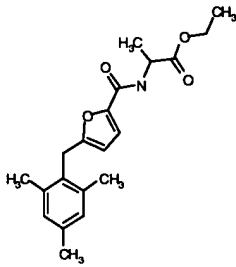
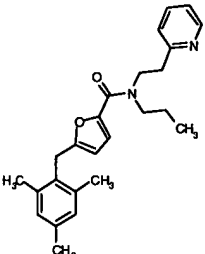
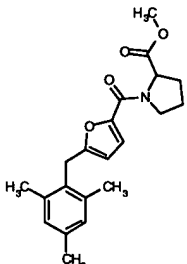
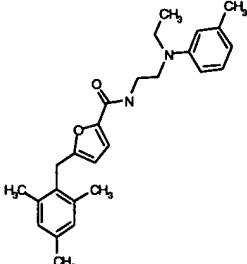
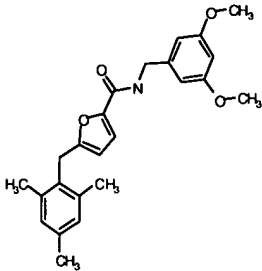
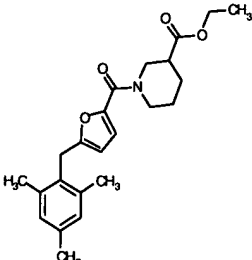
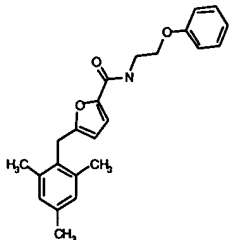
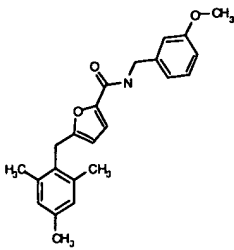
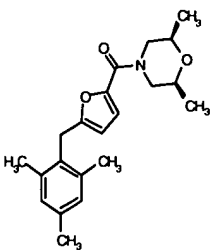
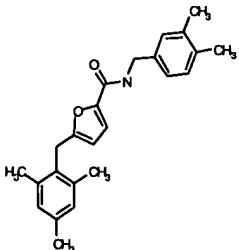
		
		
		
		
		

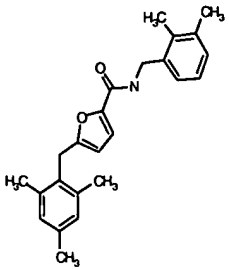
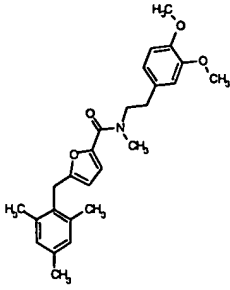
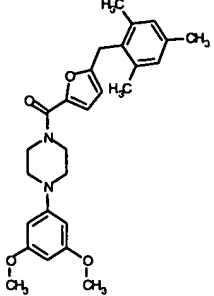
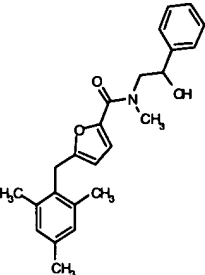
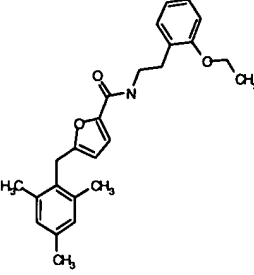
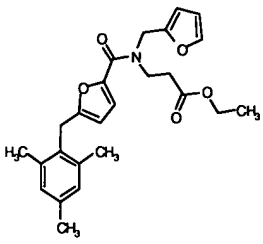
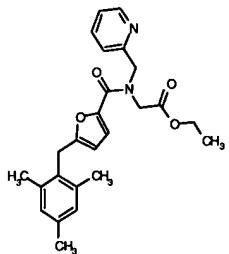
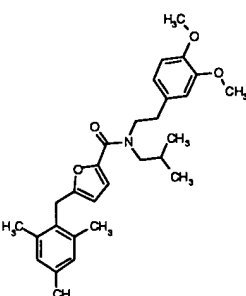
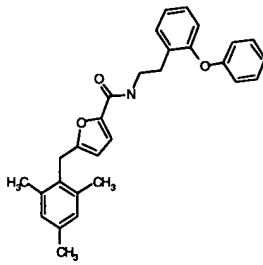
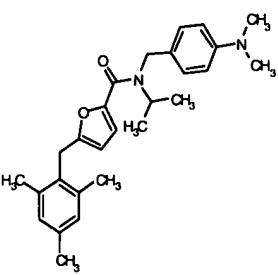
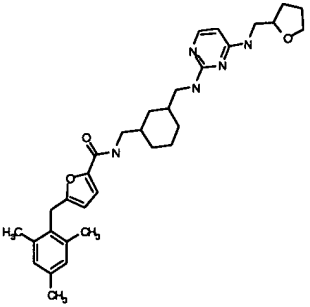
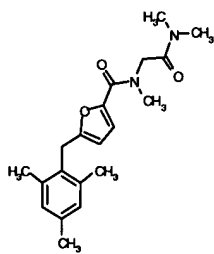
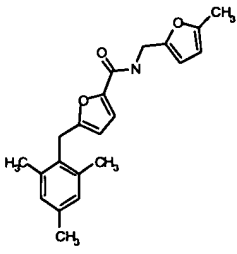
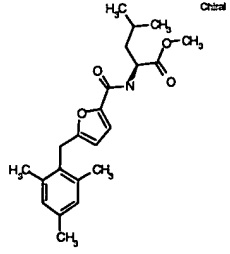
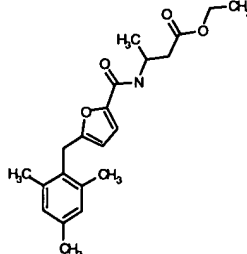
		
		
		
		
		

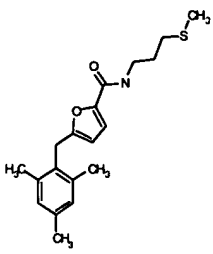
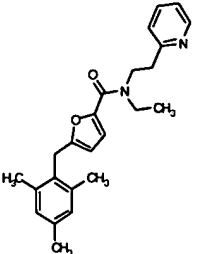
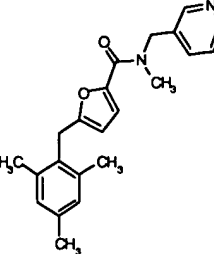
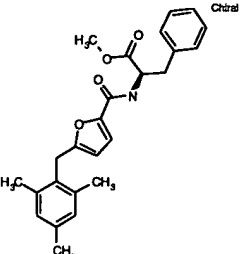
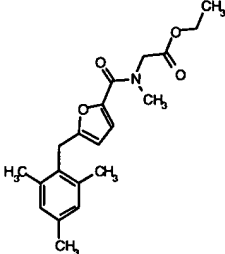
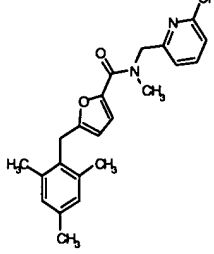
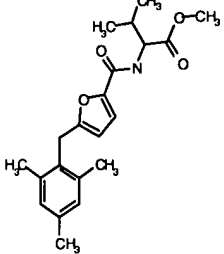
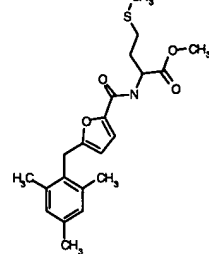
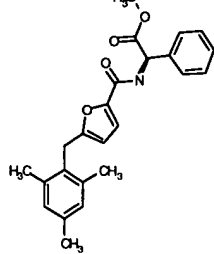
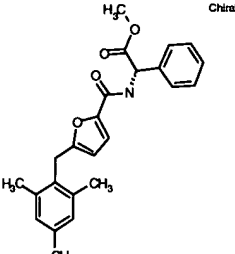
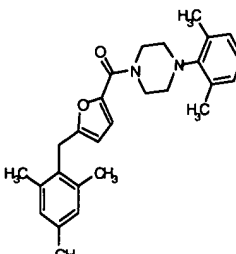
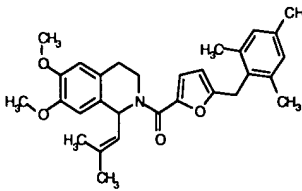
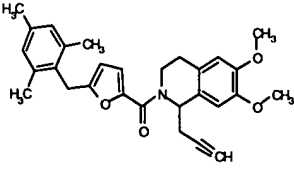
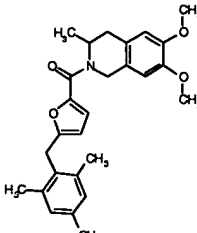
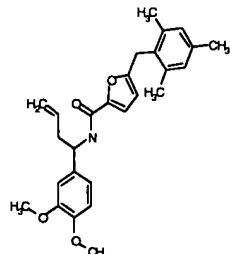
		
		
		
		
		
		

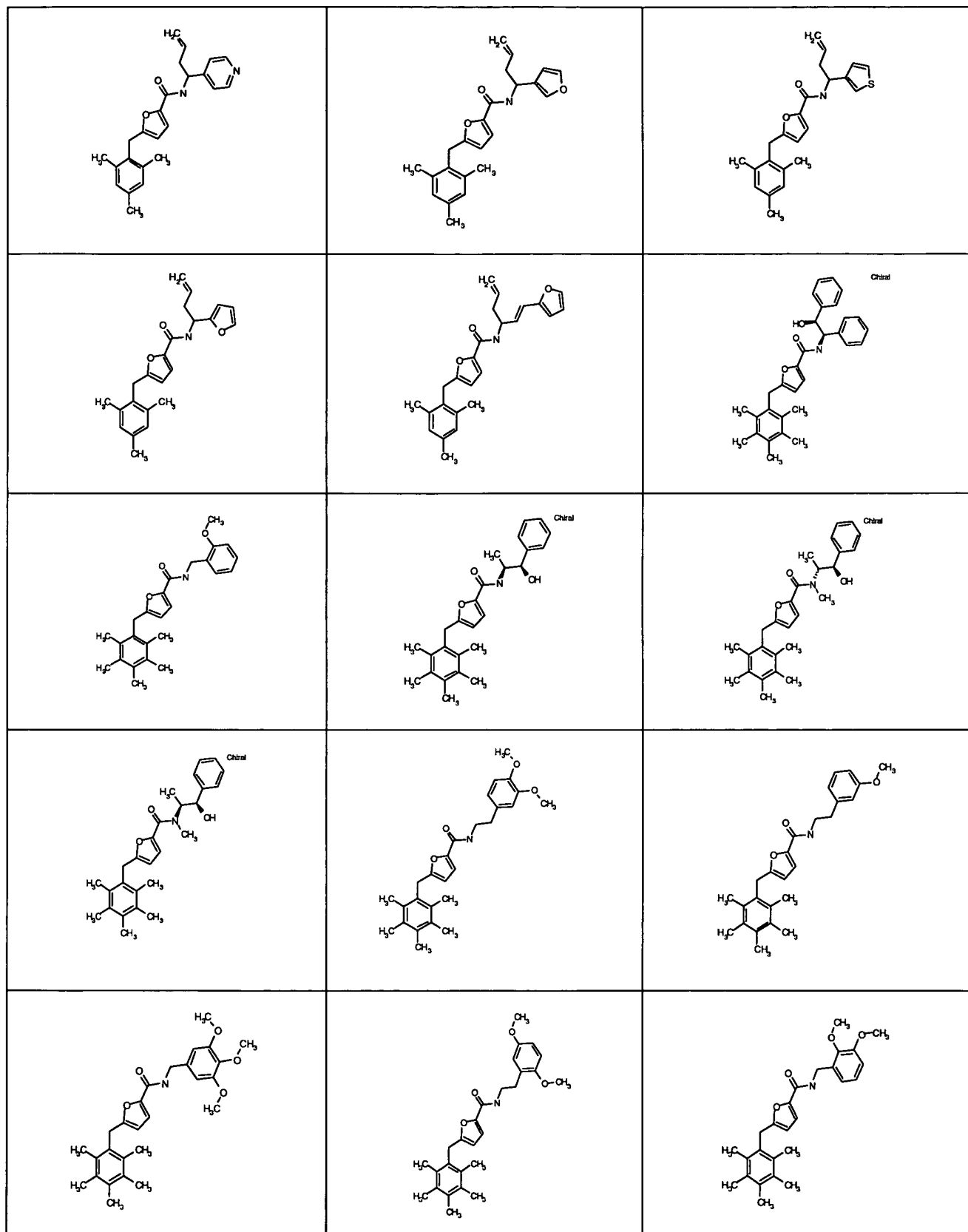
		
		
		
		
		

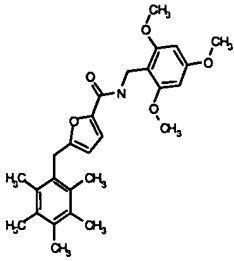
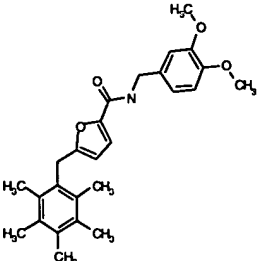
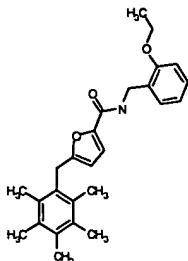
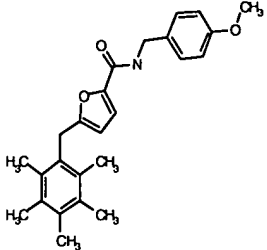
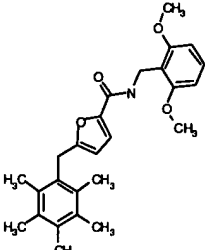
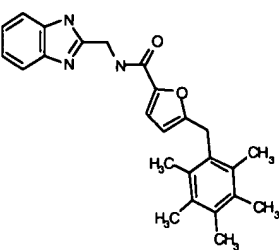
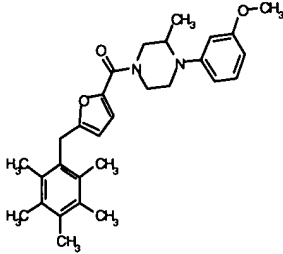
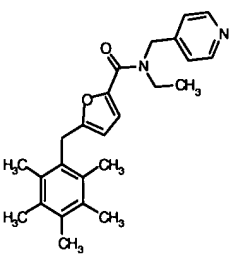
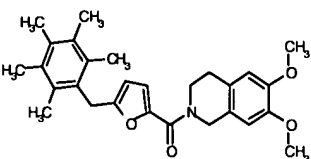
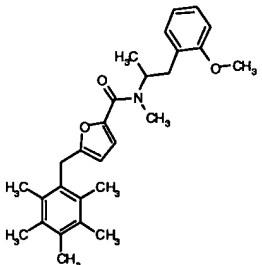
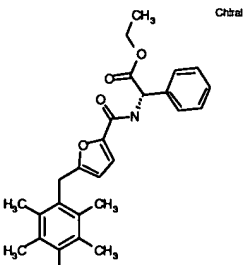
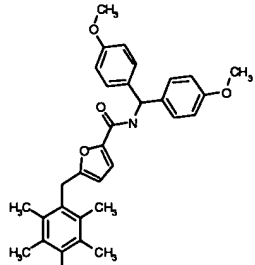
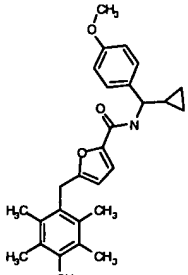
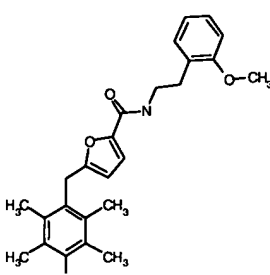
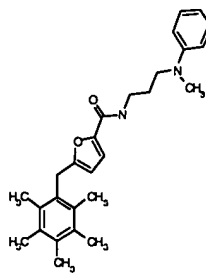
		
		
		
		
		

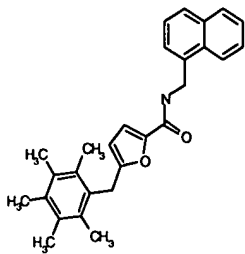
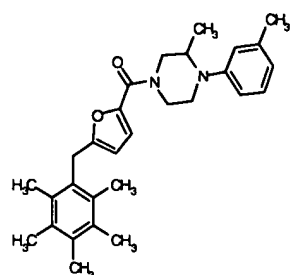
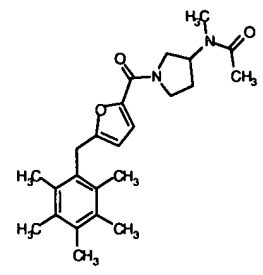
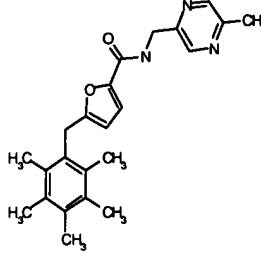
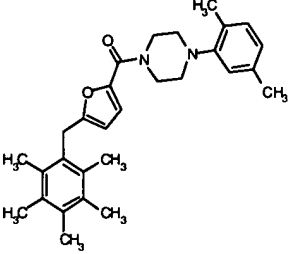
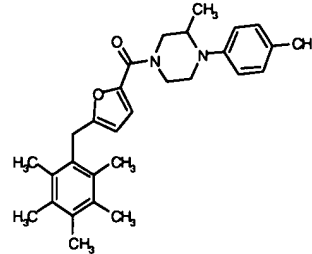
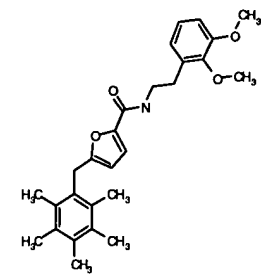
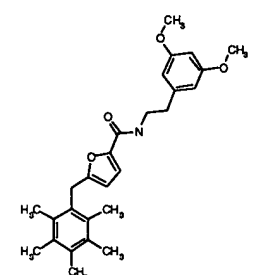
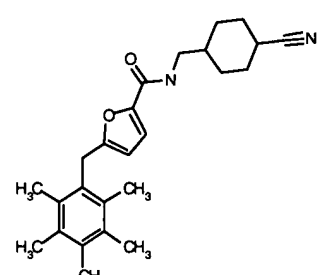
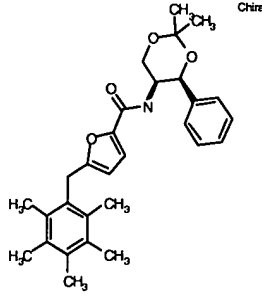
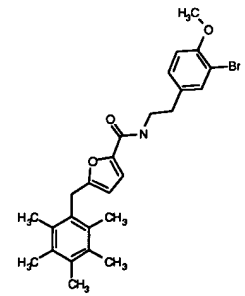
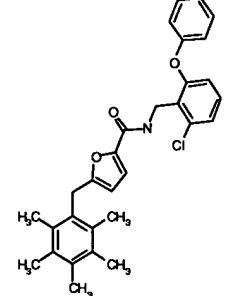
		
		
		
		
		

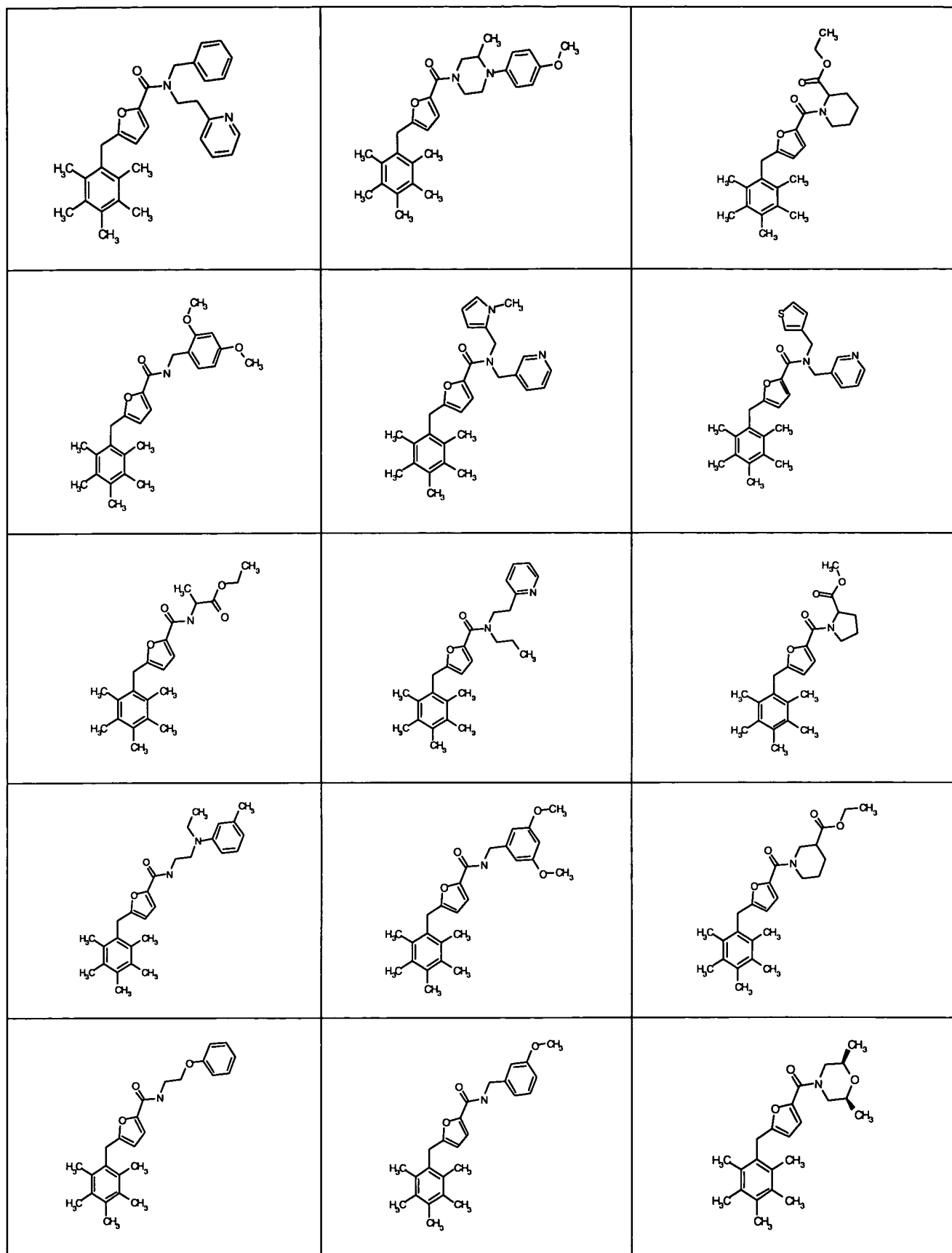
		
		
		
		
		

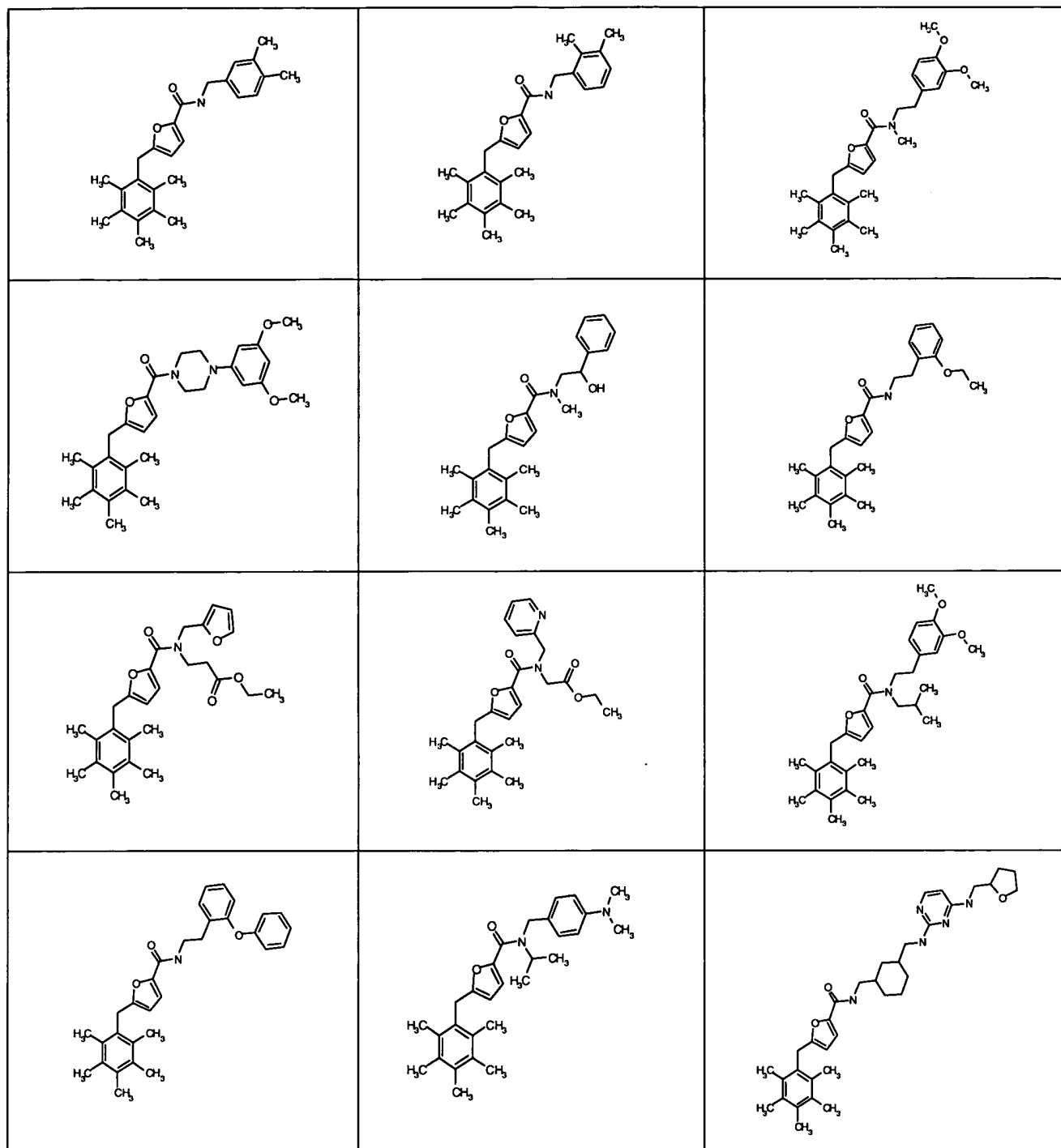
		
		
		
		
		

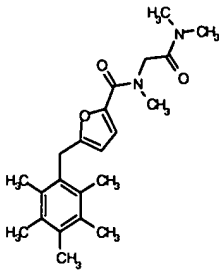
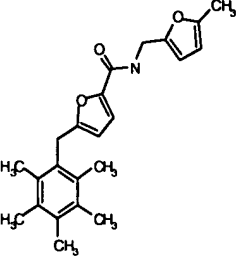
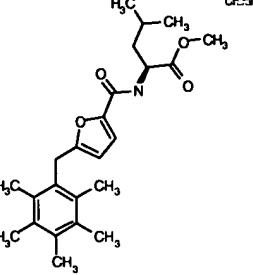
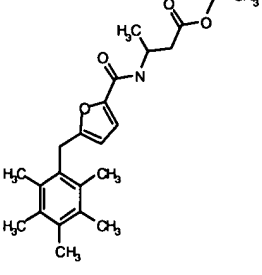
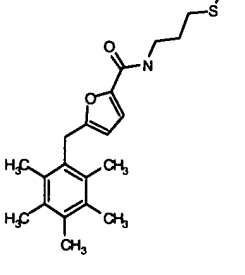
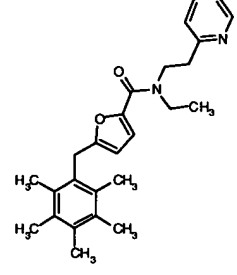
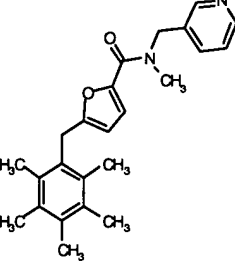
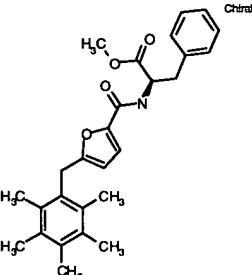
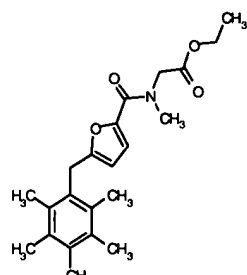
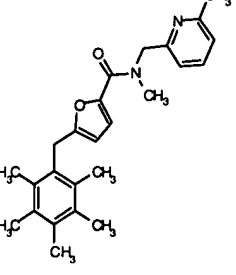
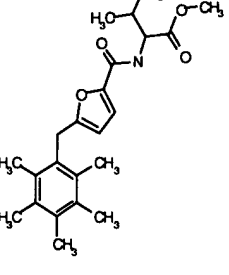
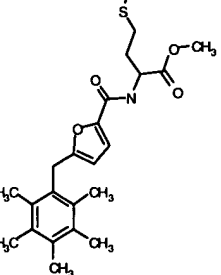


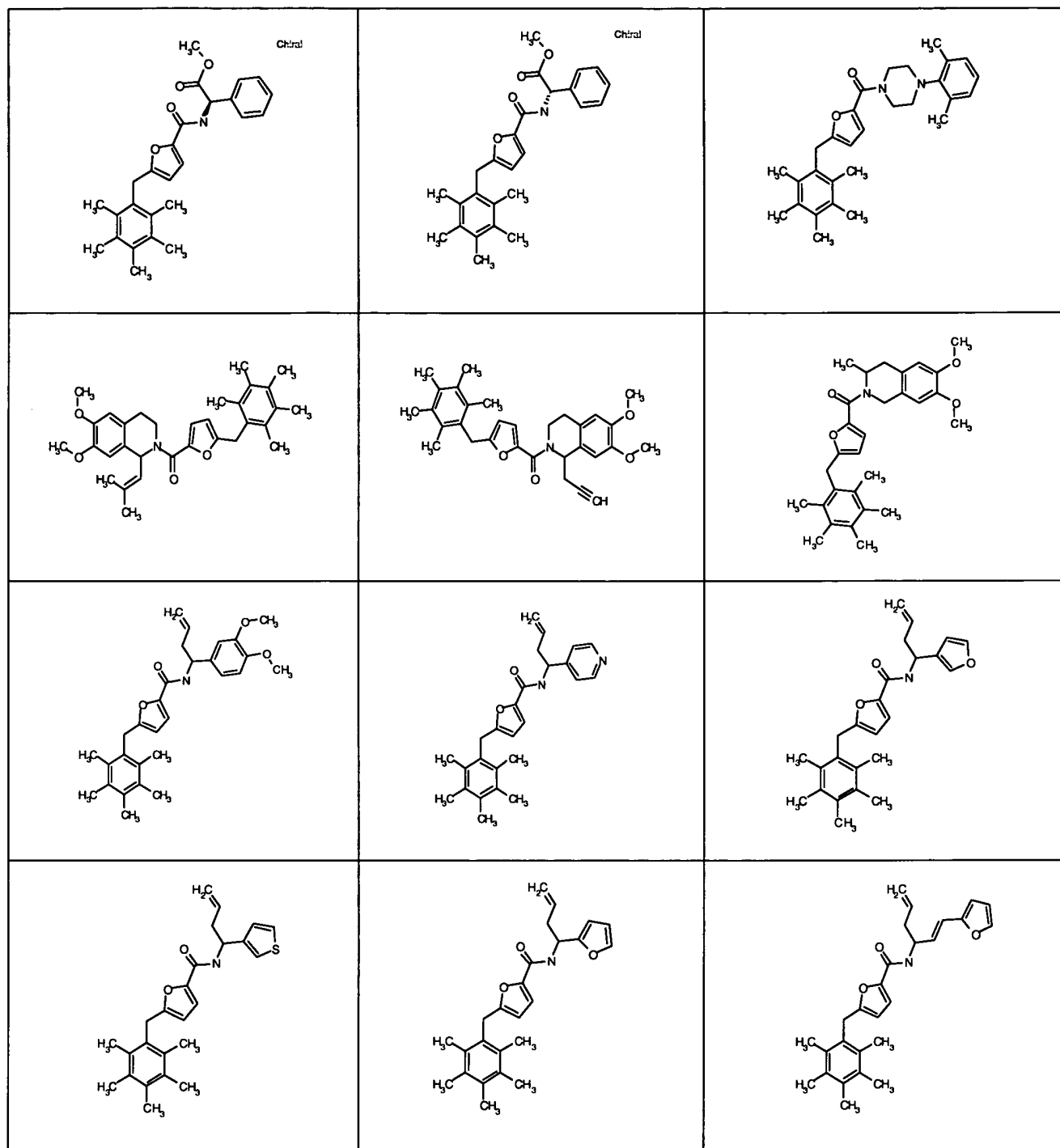
		
		
		
		
		

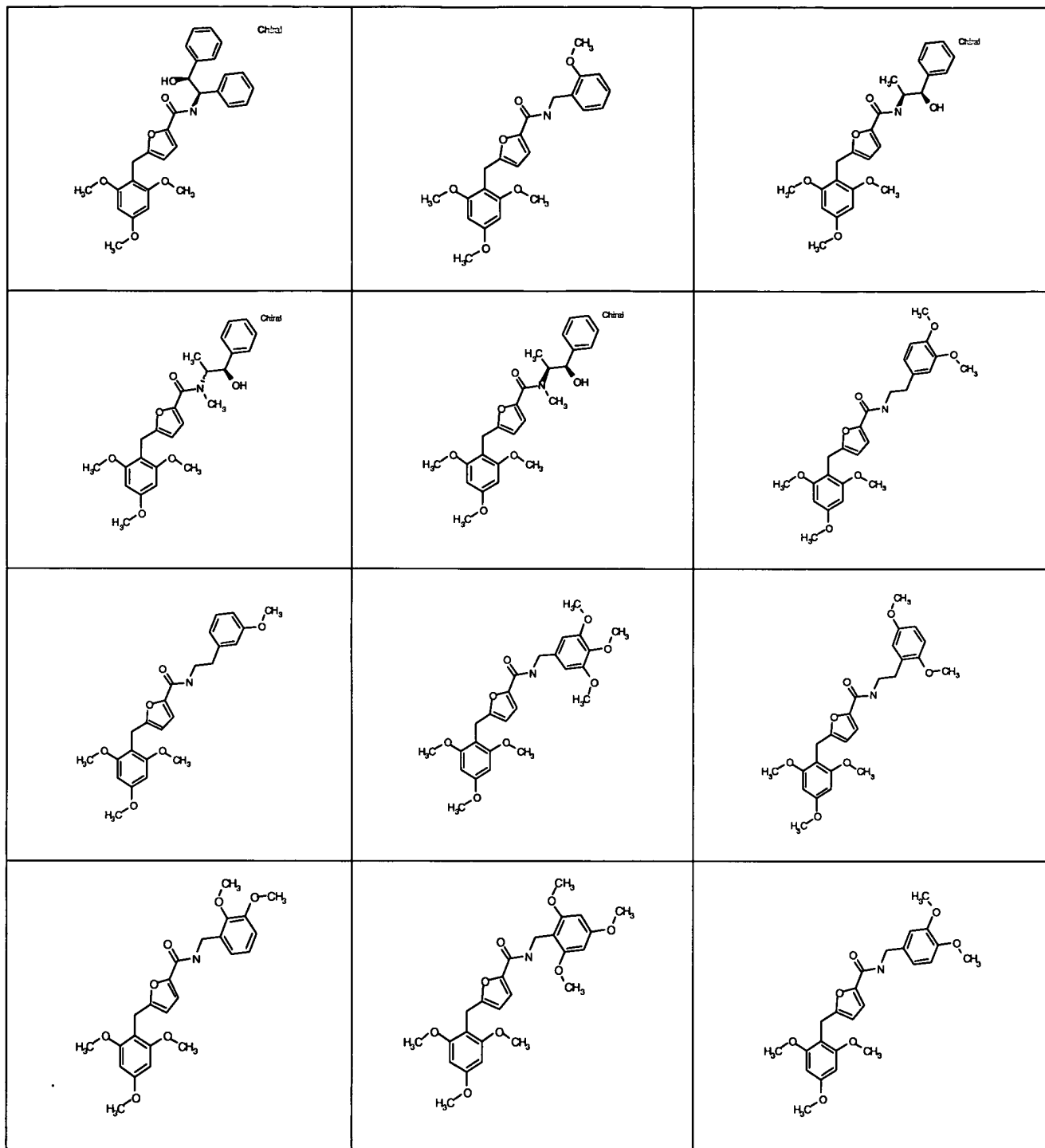
		
		
		
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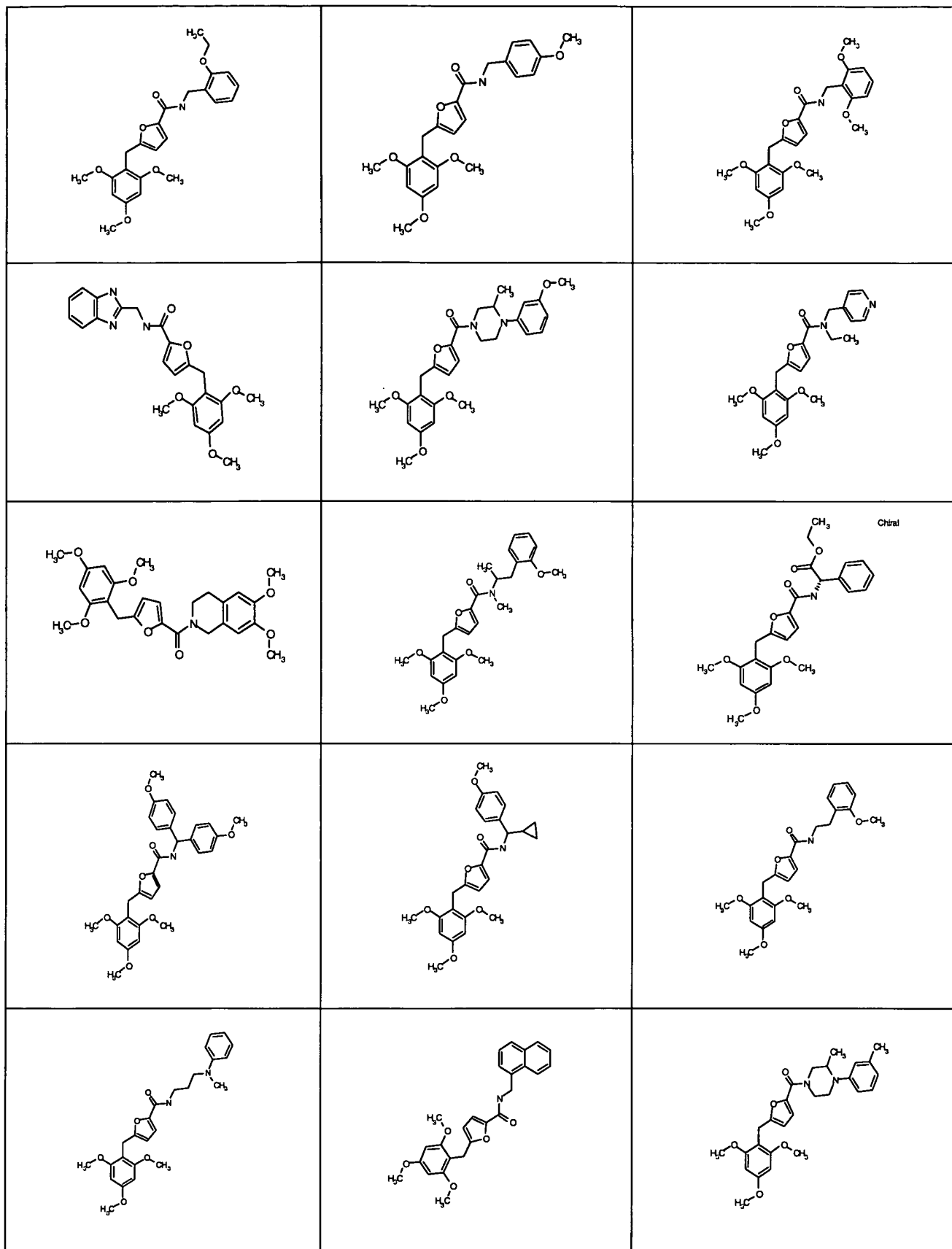


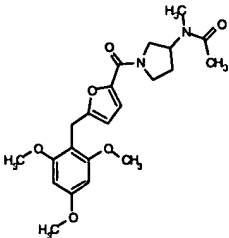
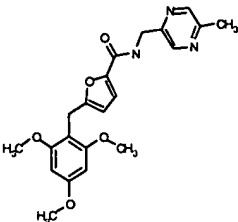
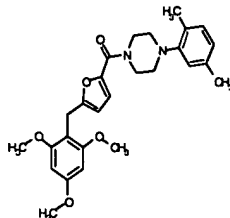
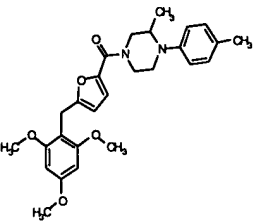
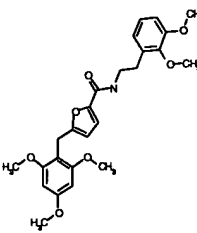
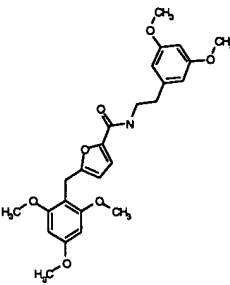
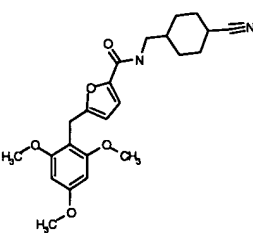
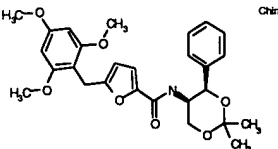
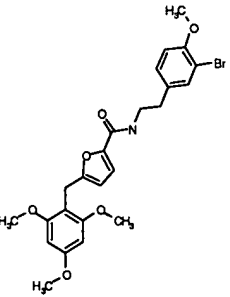
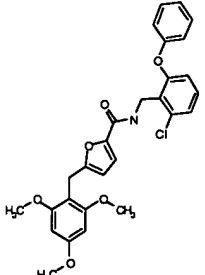
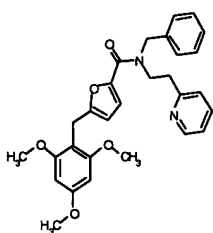
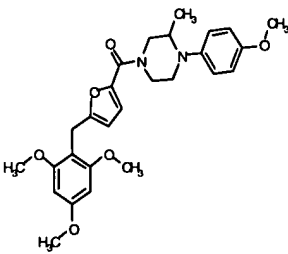
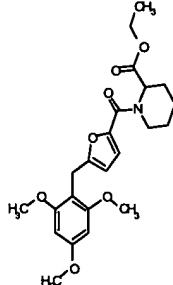
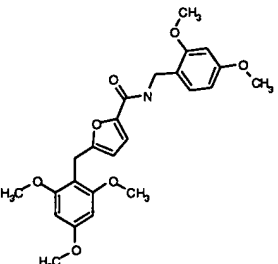
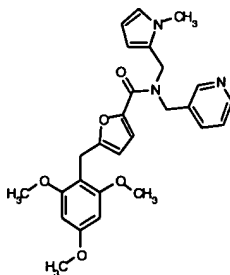


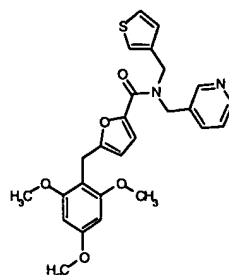
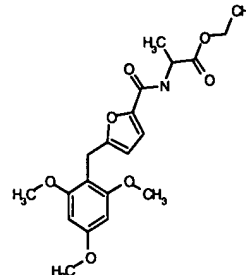
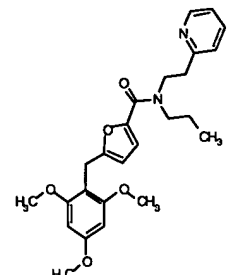
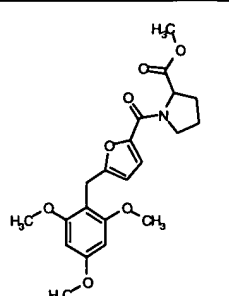
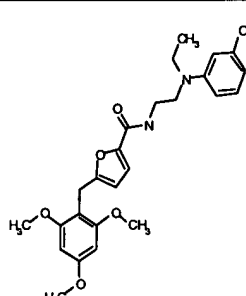
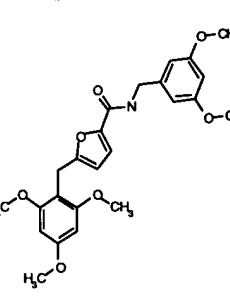
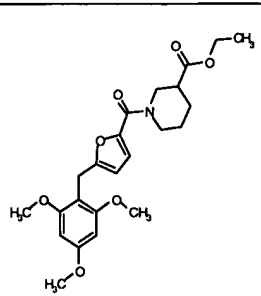
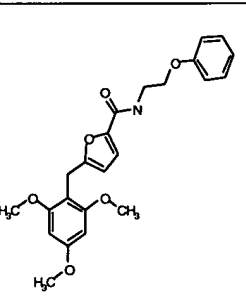
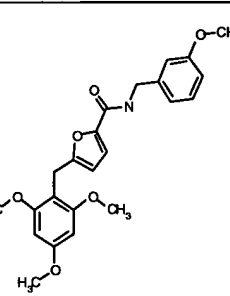
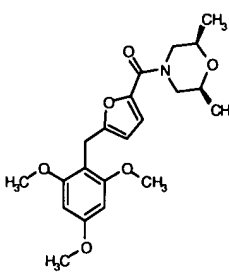
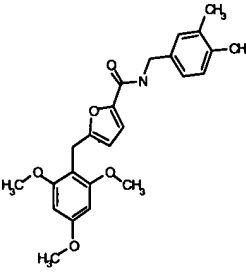
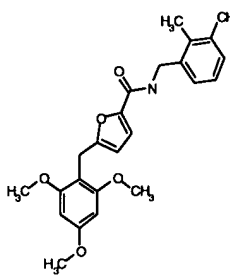
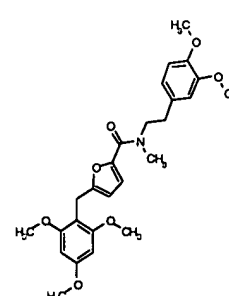
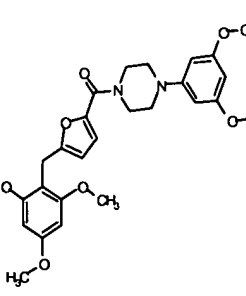
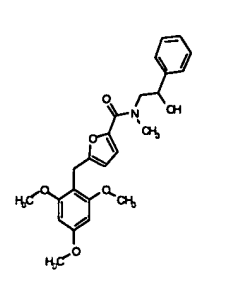
		
		
		
		

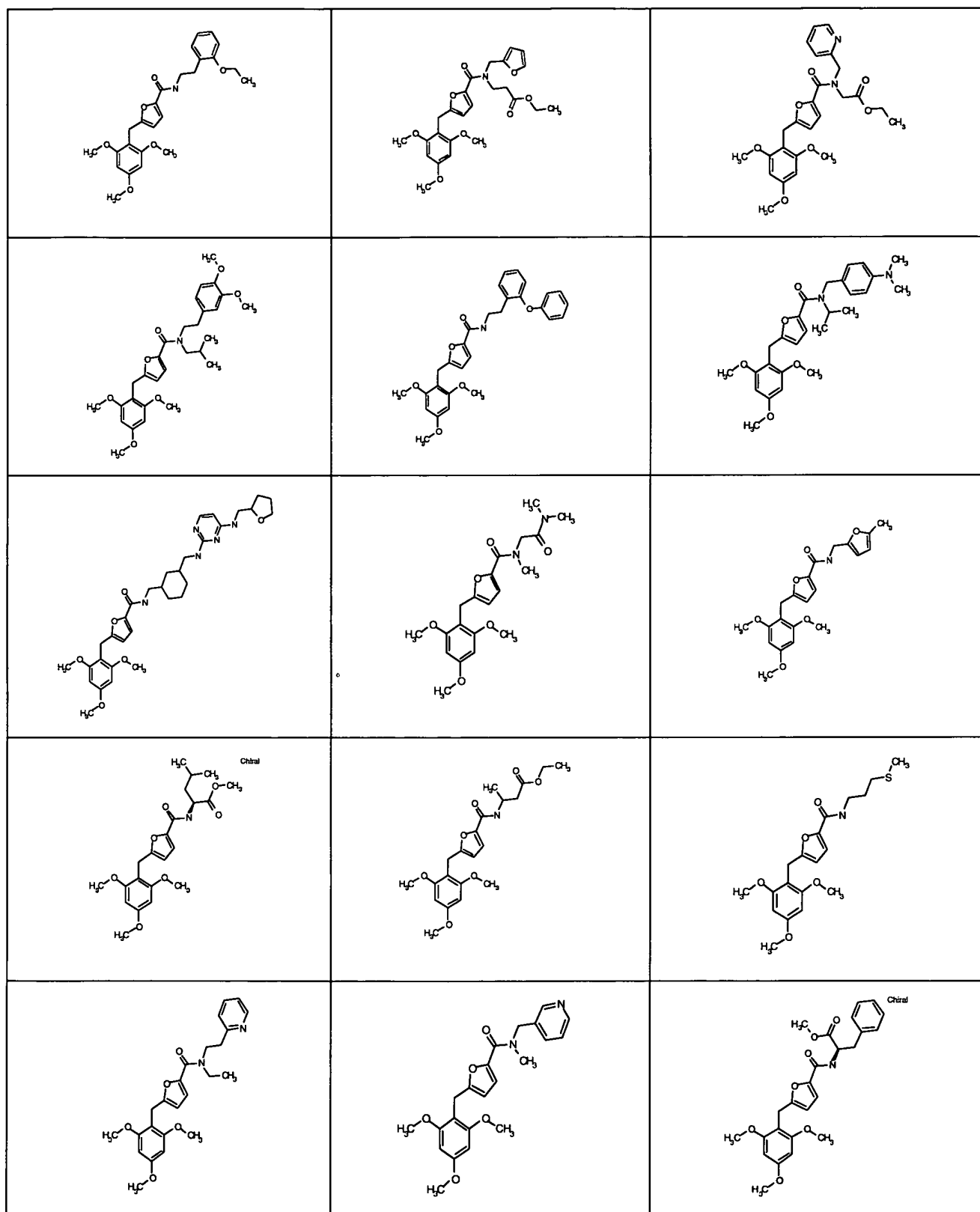


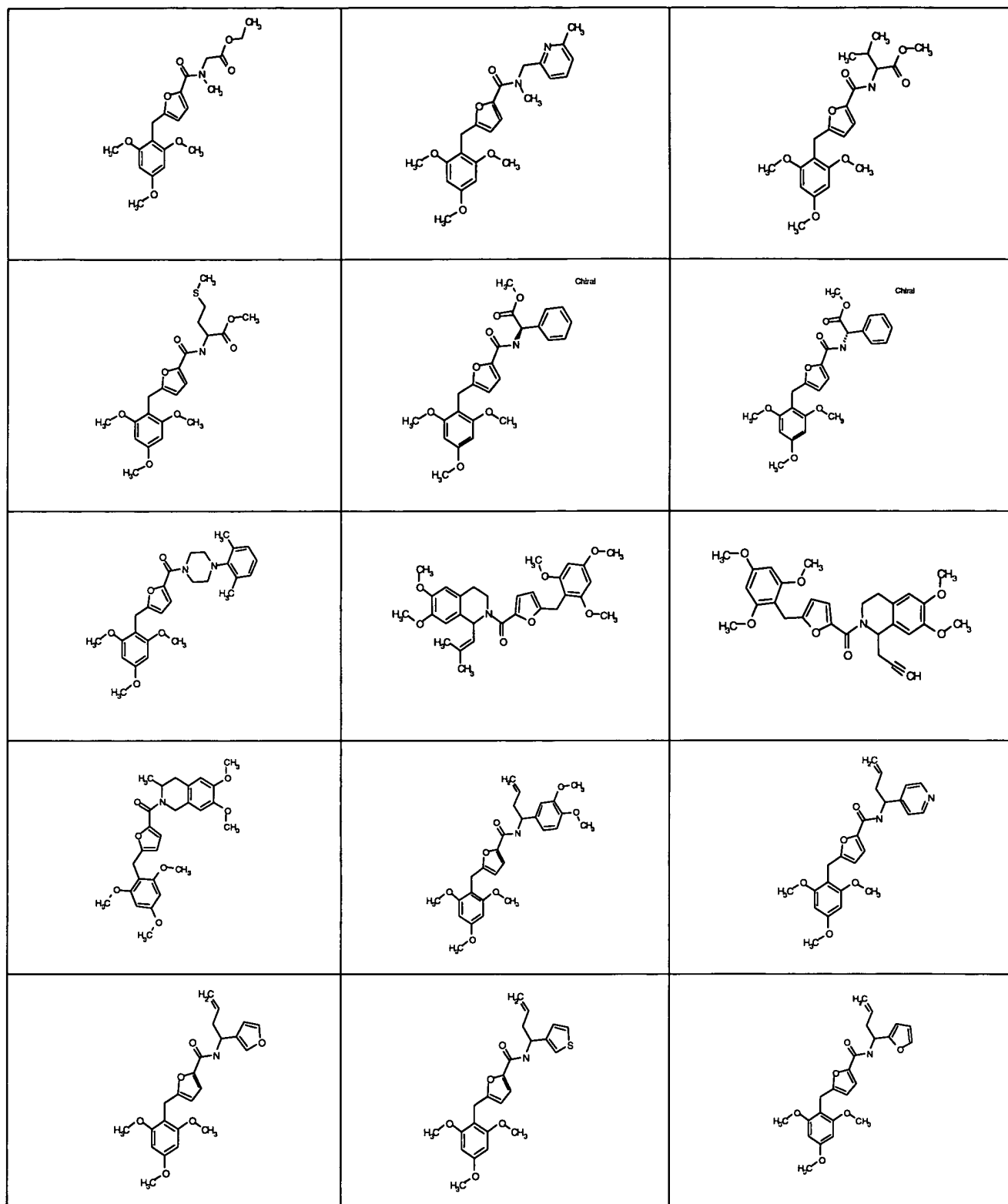


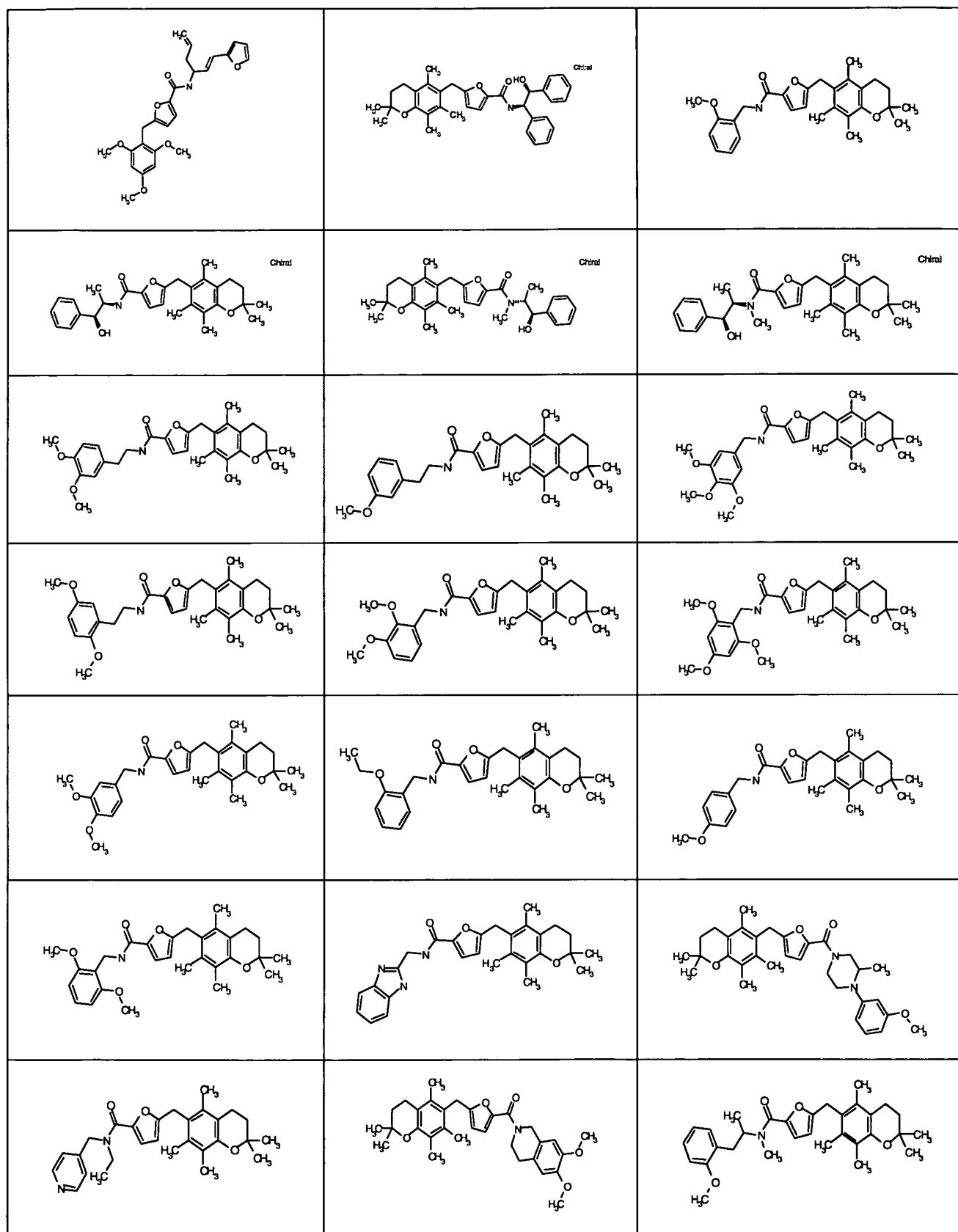


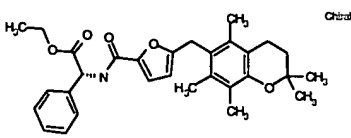
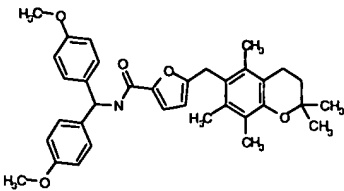
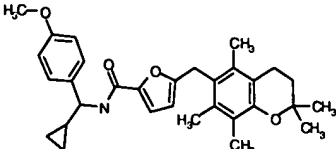
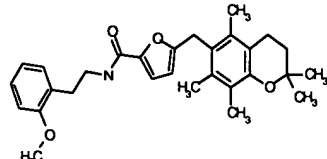
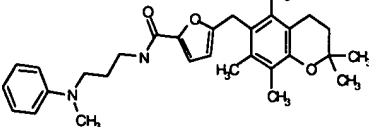
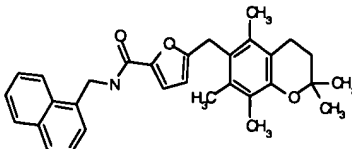
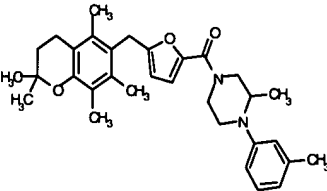
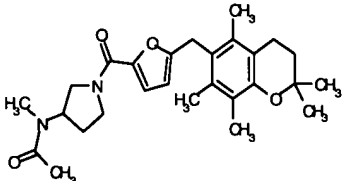
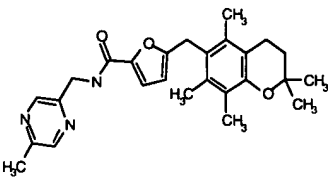
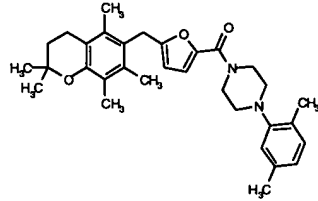
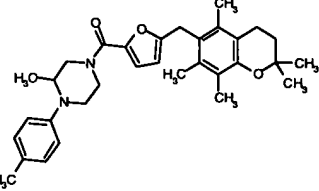
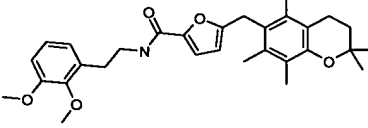
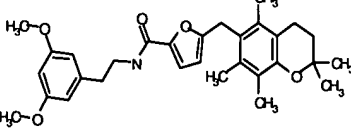
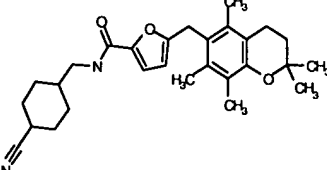
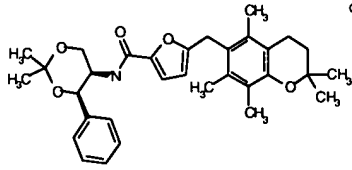
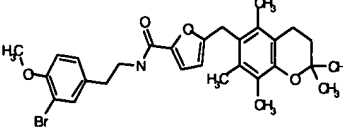
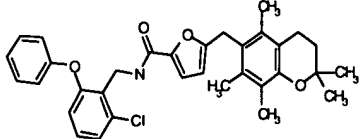
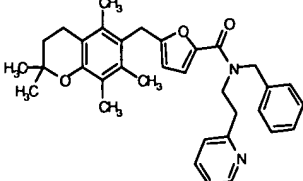
		
		
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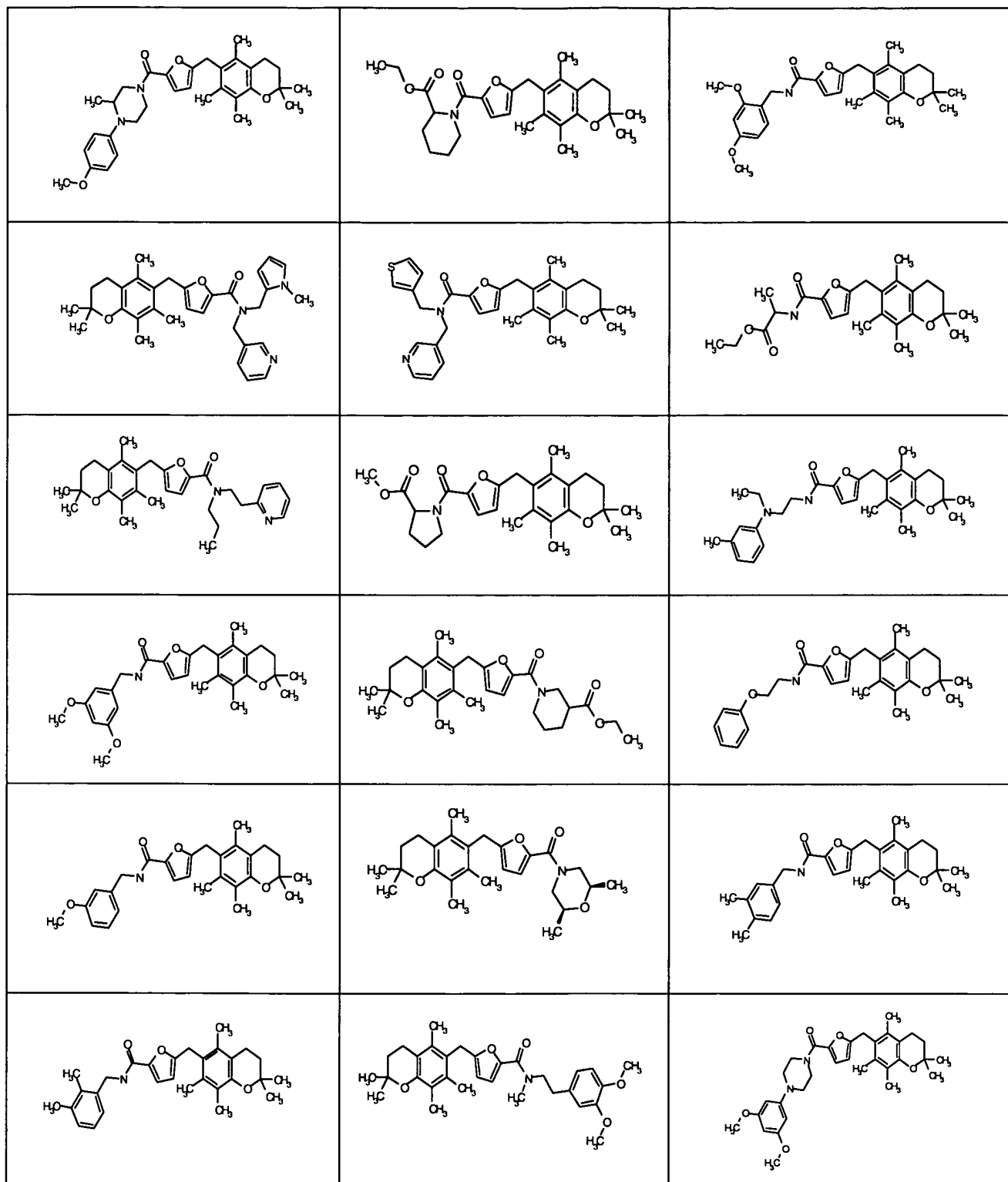
		
		
		
		
		

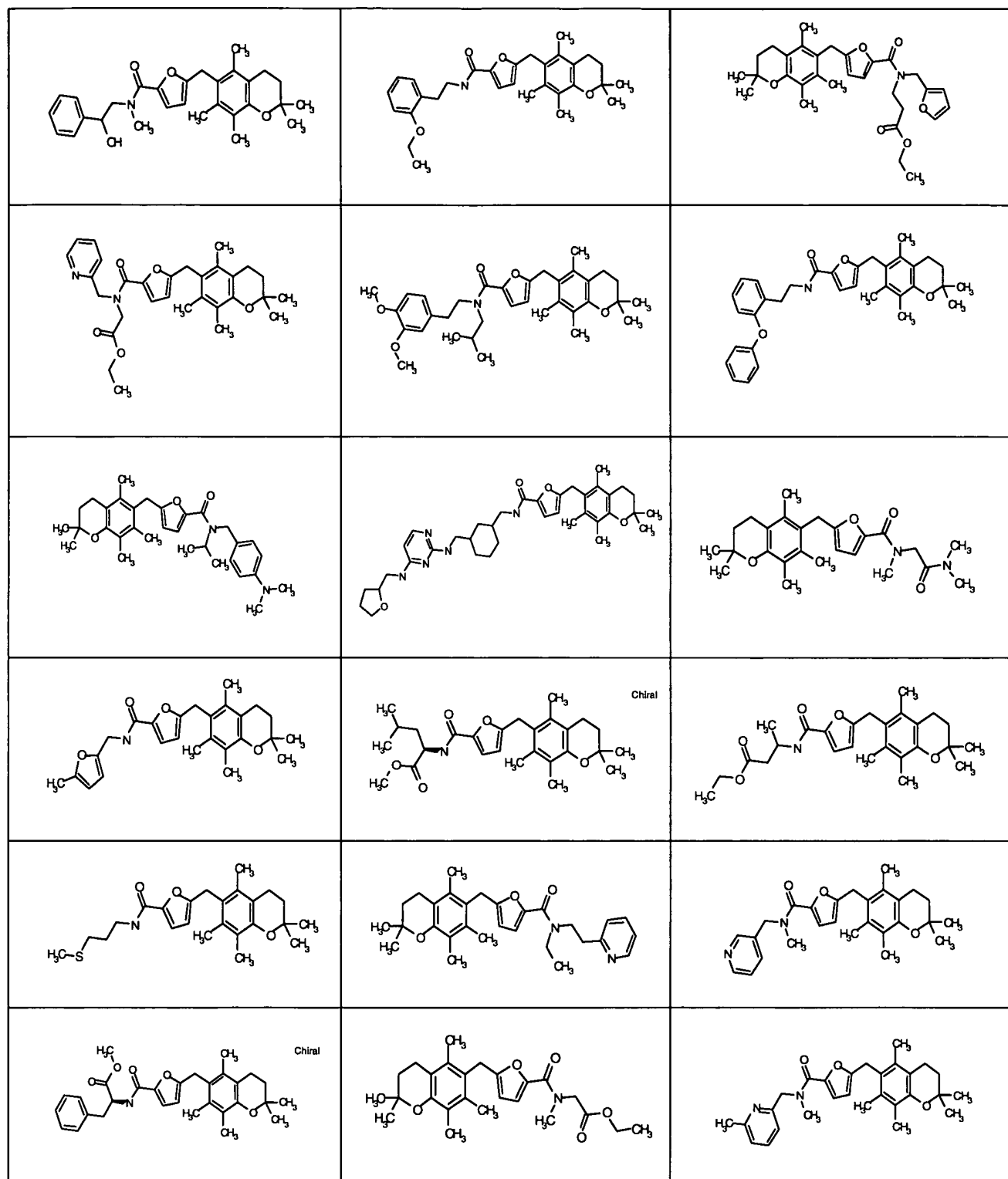


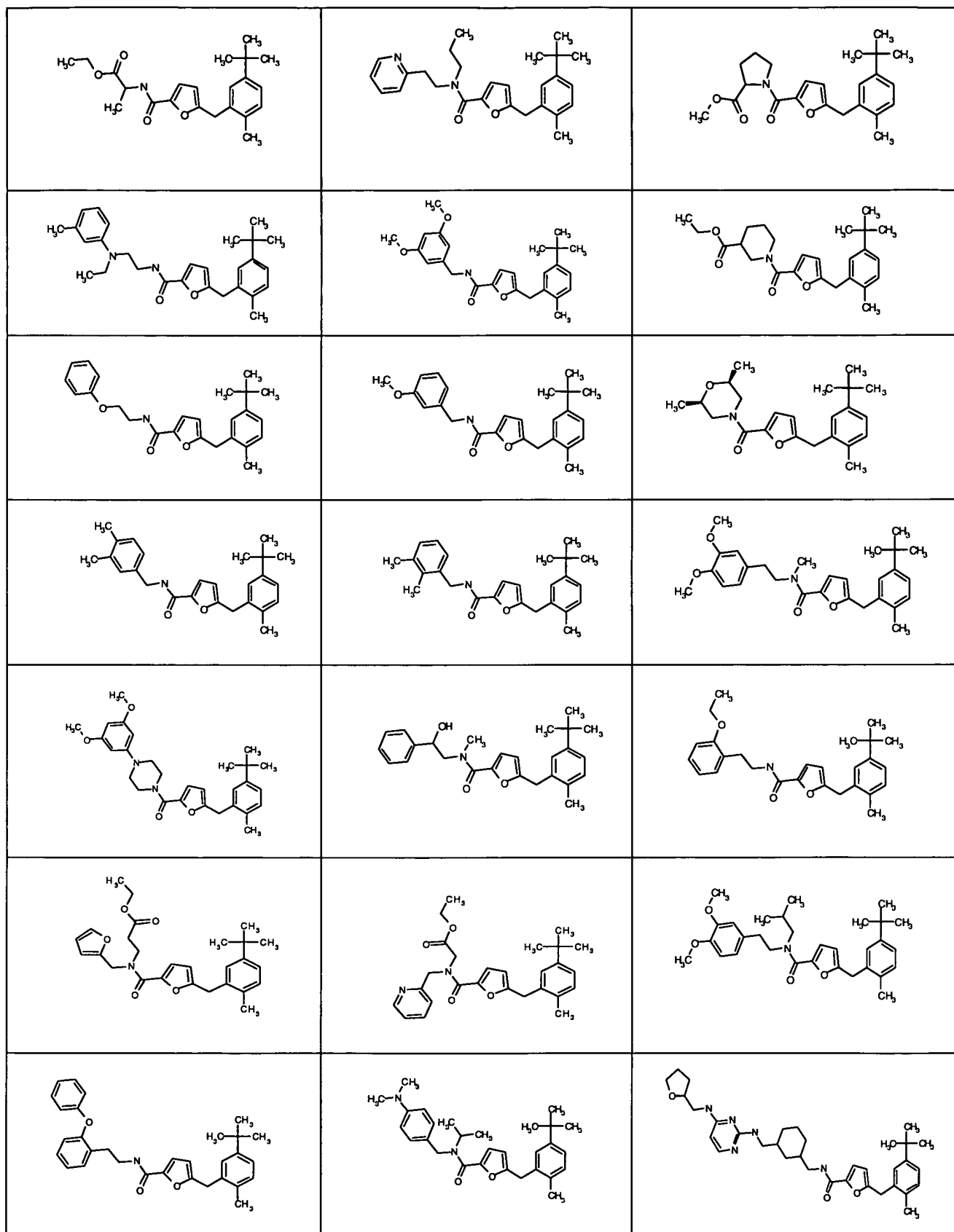


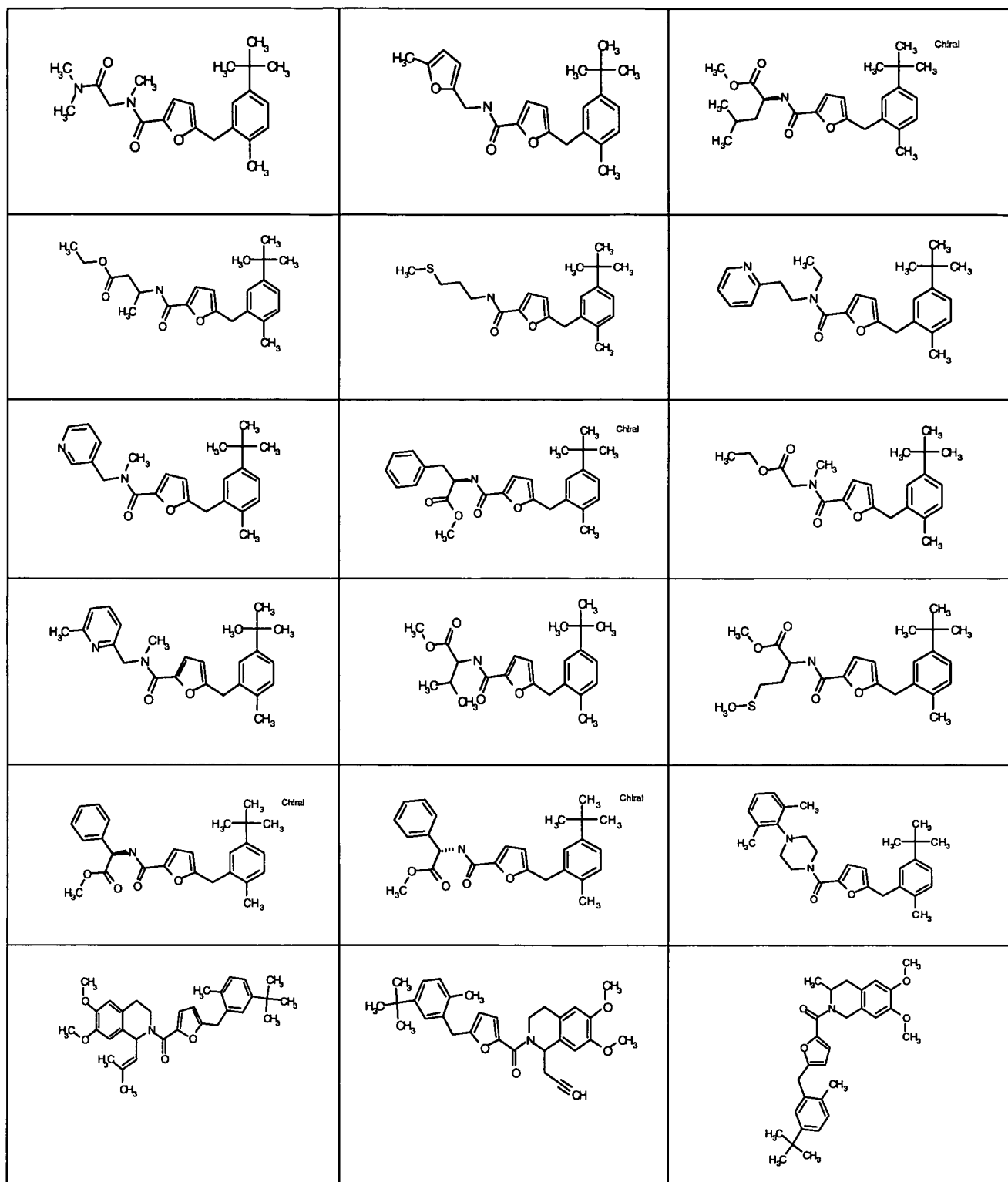


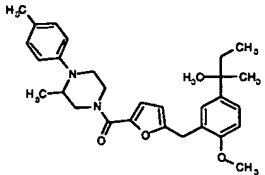
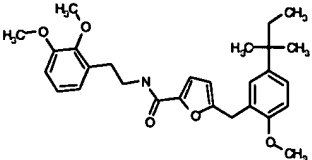
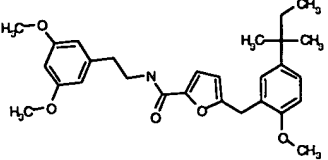
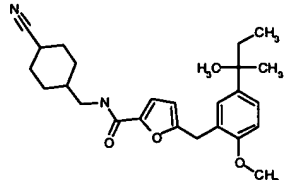
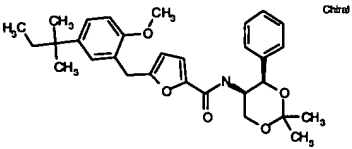
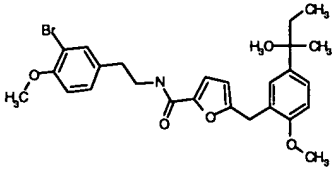
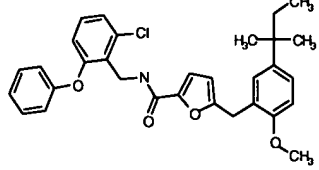
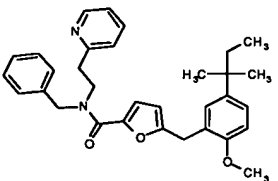
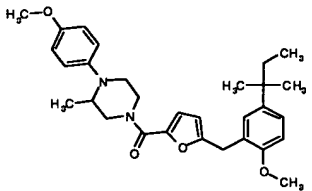
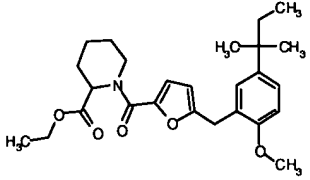
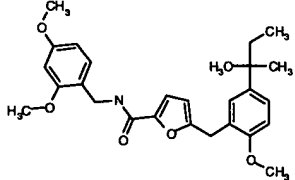
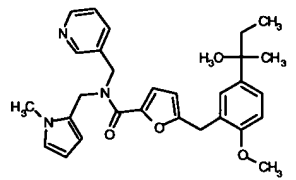
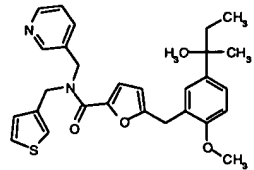
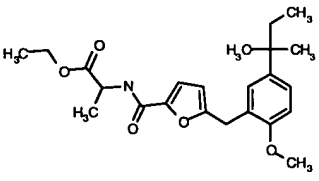
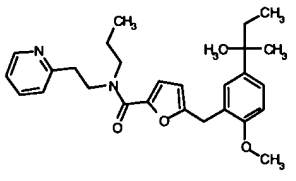
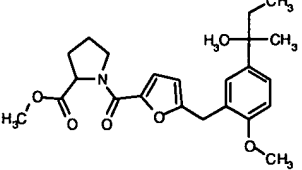
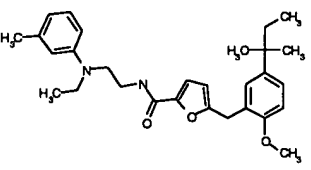
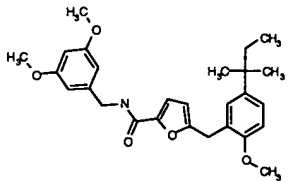
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		 Chiral
		

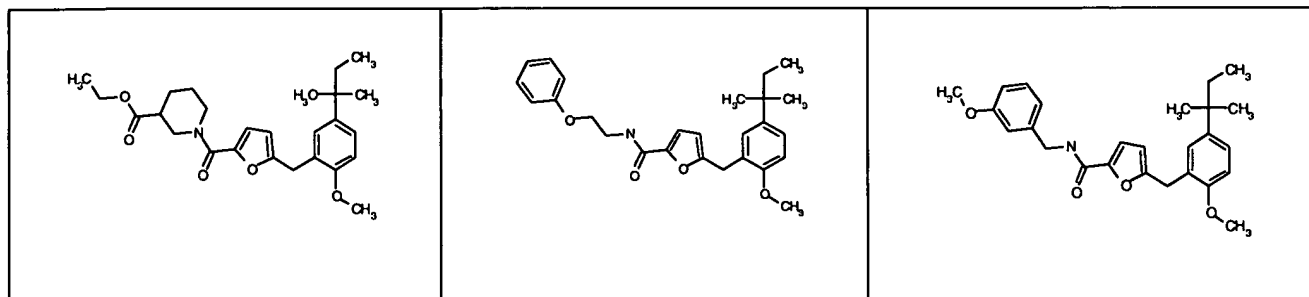


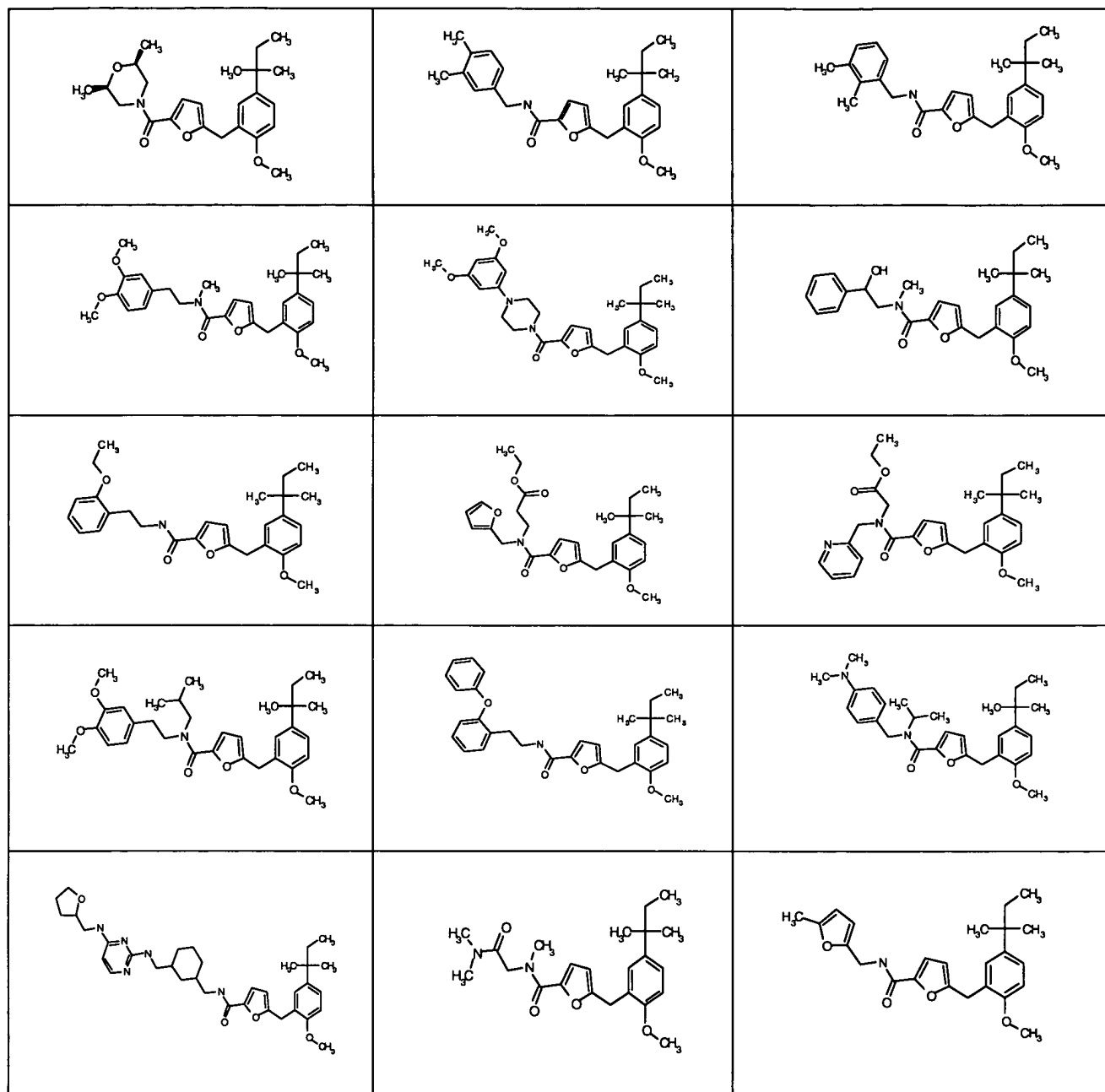


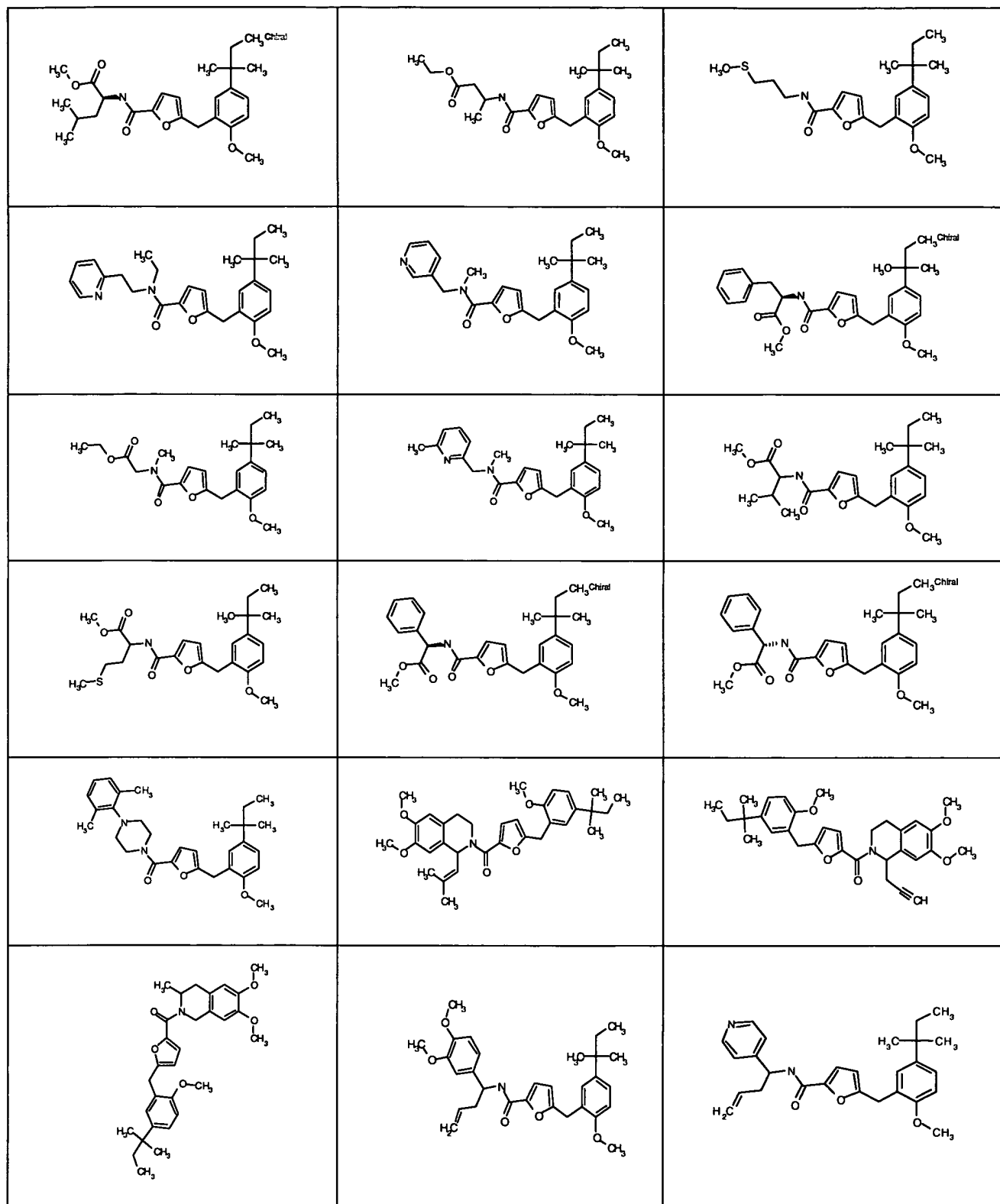


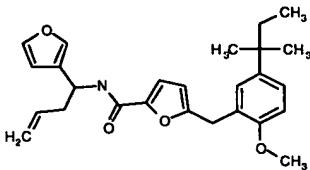
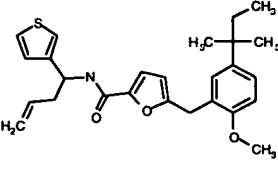
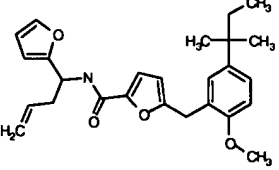
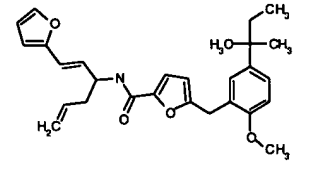


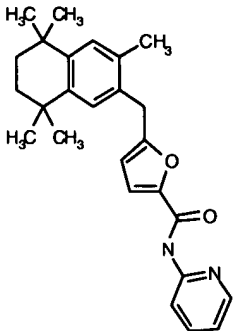
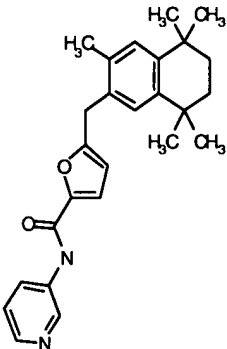
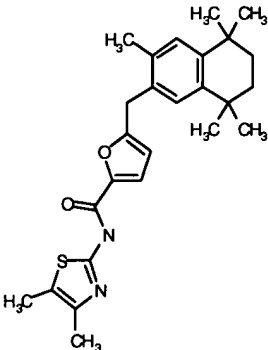
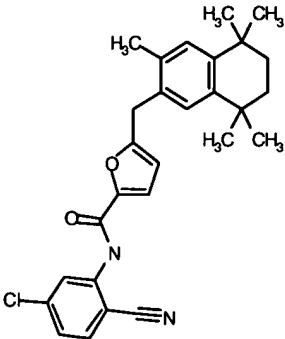
		
		
		
		
		
		

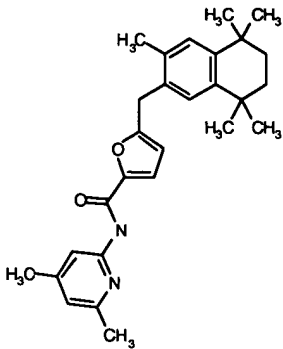
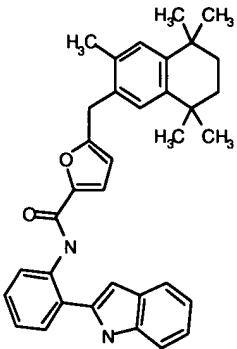
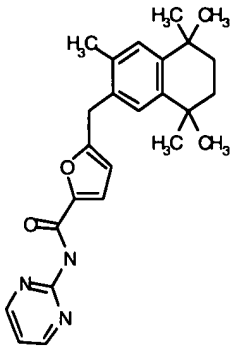
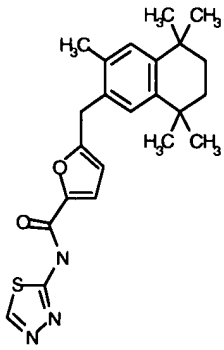


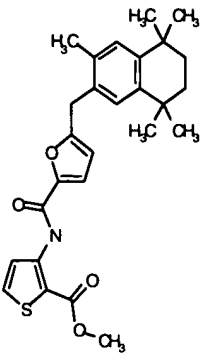


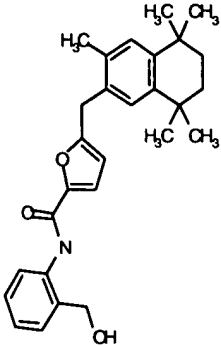
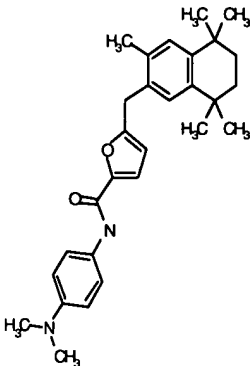
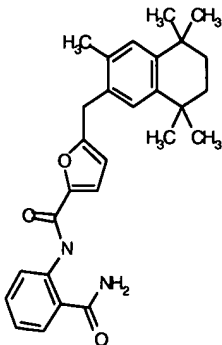
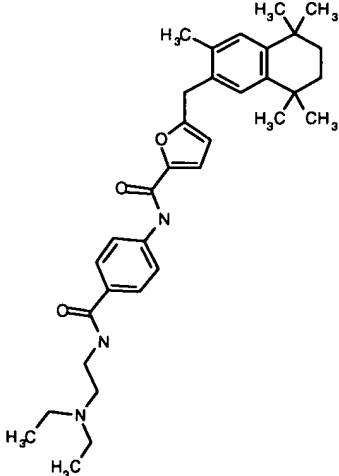


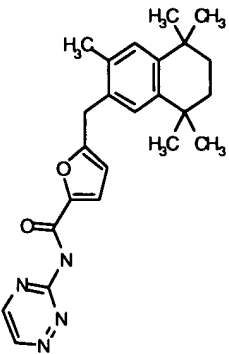
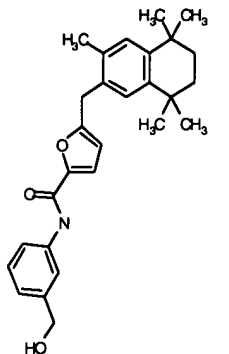
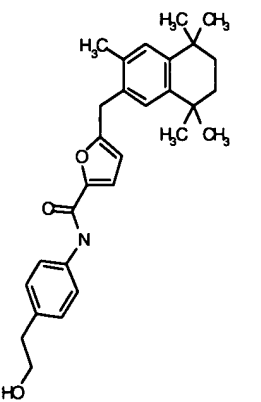
		
		

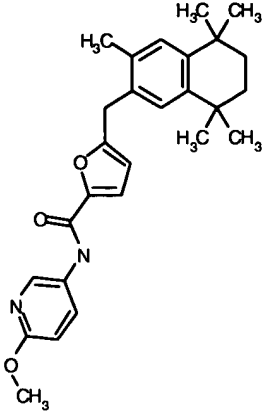
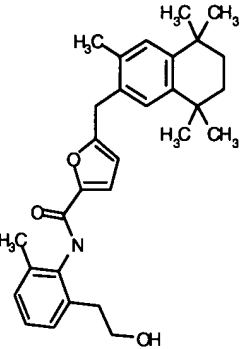
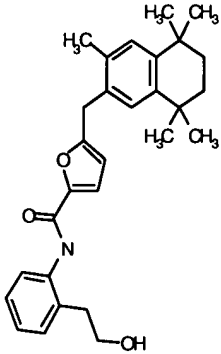
MOLSTRUCTURE	% Inhib. @10uM hGnRH	Repeats @10uM hGnRH
	1	7
	89	94
	38	32
	17	18

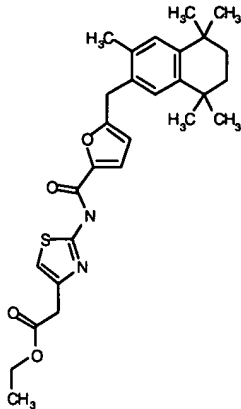
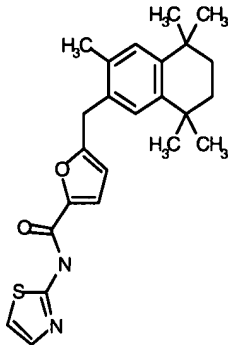
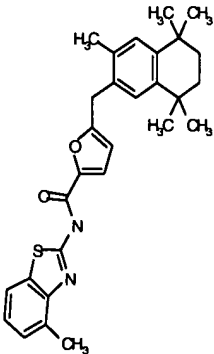
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	-13	-7
	15	11
	23	39

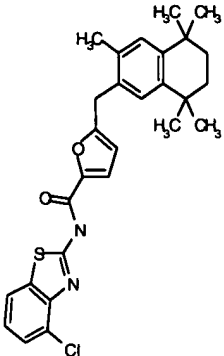
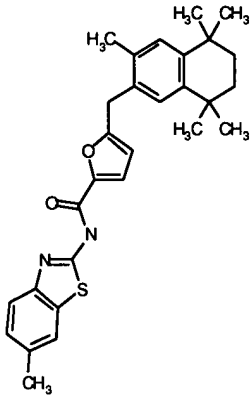
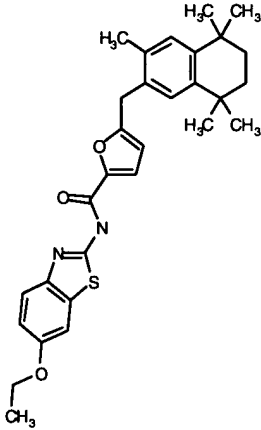
	23	10
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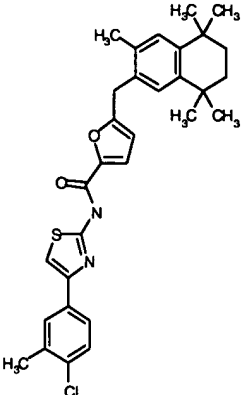
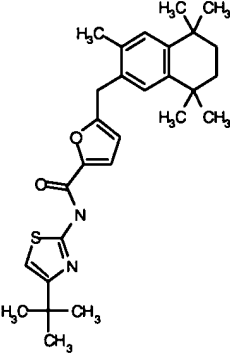
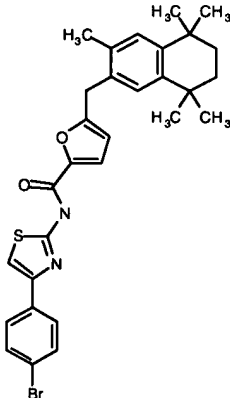
	72	73
	104	94
	18	28
	51	41

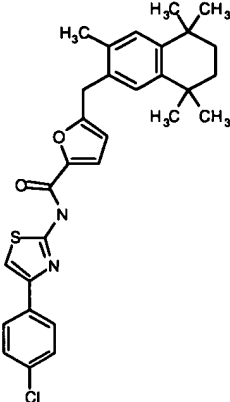
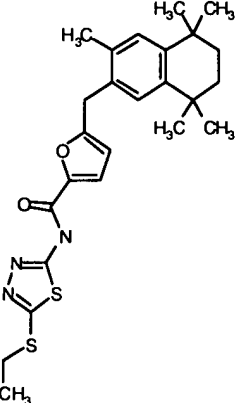
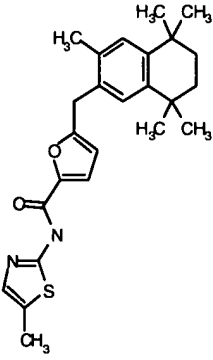
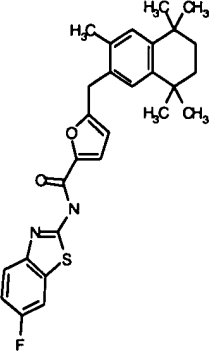
	14	18
	99	95
	102	96

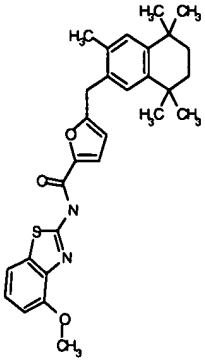
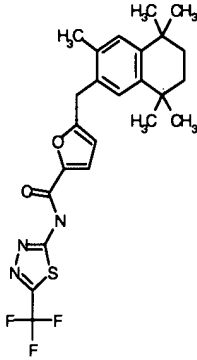
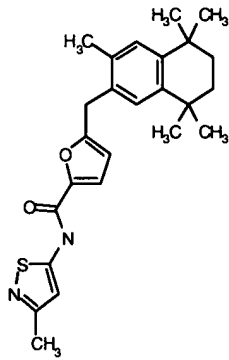
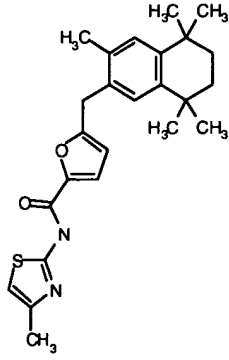
	101	95
	38	43
	110	91

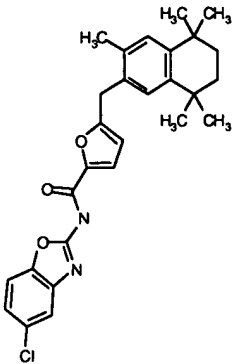
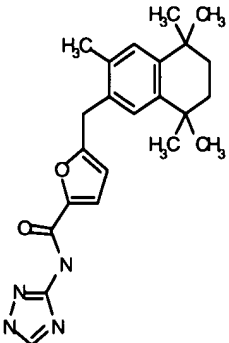
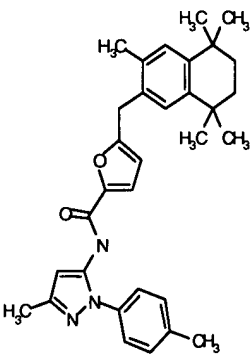
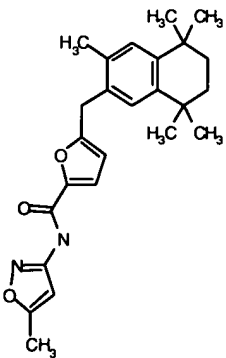
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	71	63
	12	10

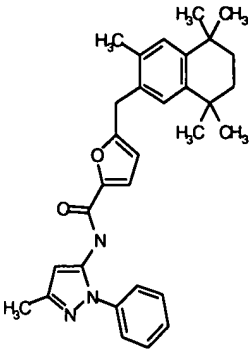
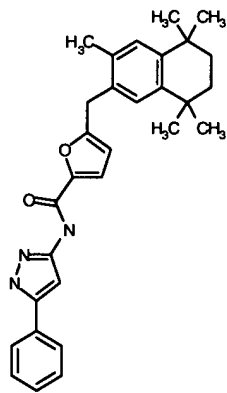
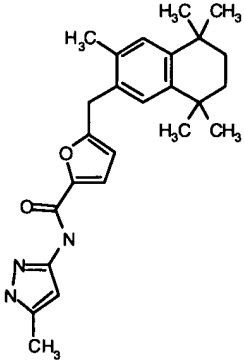
	13	7
	22	22
	9	12

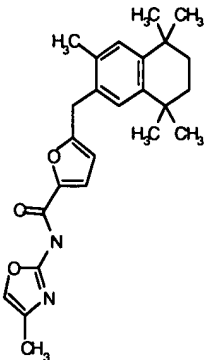
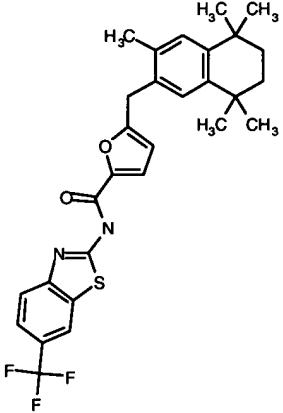
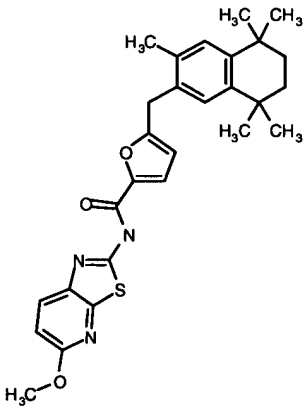
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	14	15
	17	5

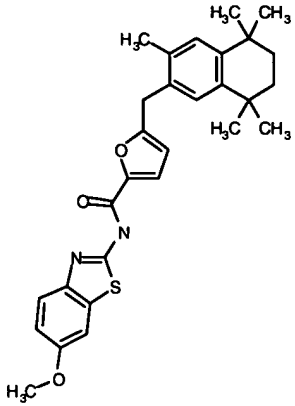
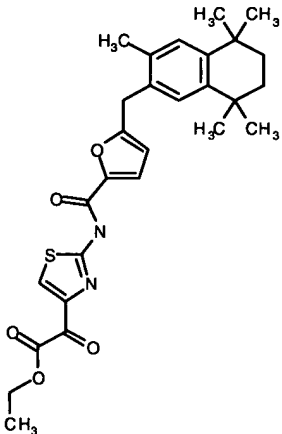
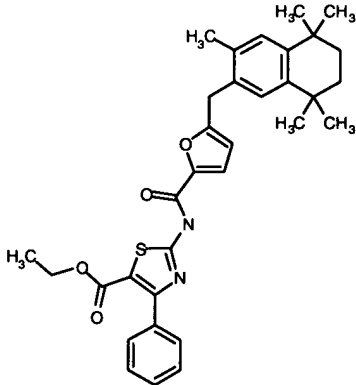
	28	18
	26	18
	50	54
	13	14

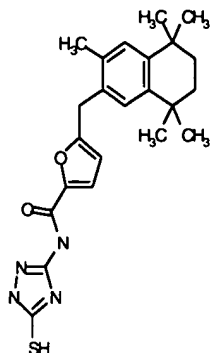
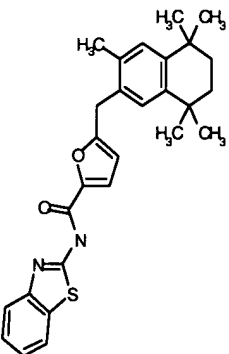
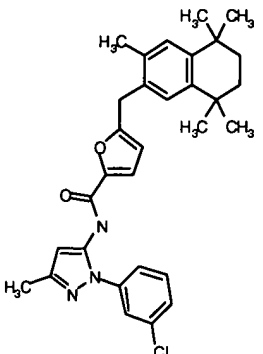
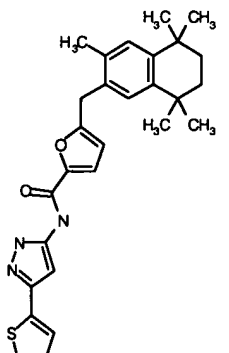
	1	17
	6	15
	4	9
	21	27

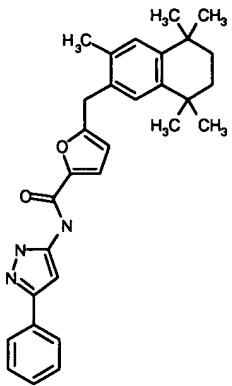
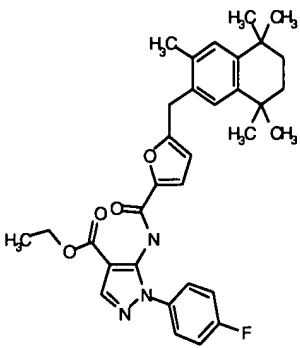
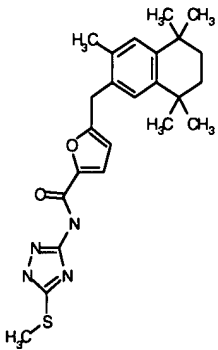
	42	35
	74	74
	45	55
	20	23

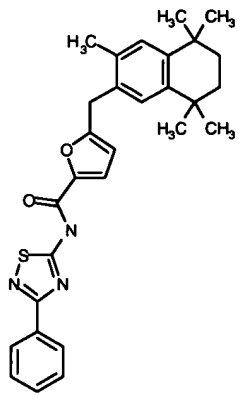
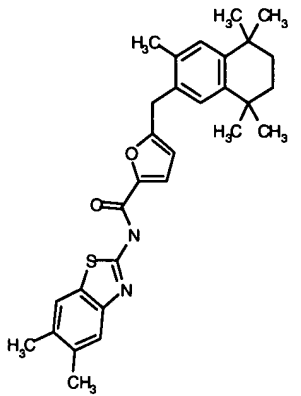
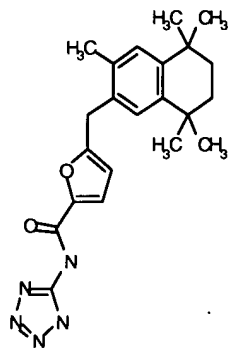
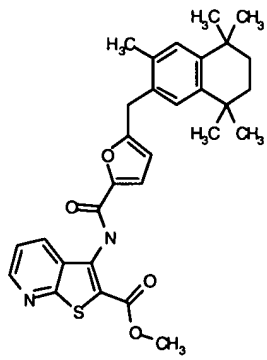
	66	68
	33	34
	37	33

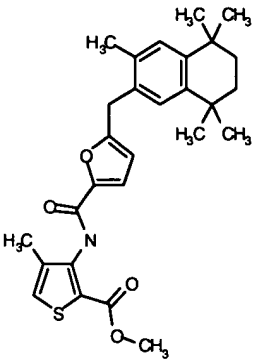
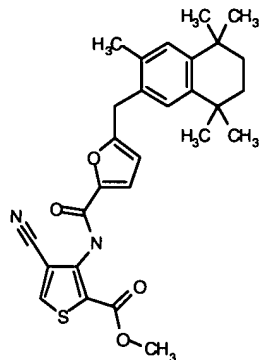
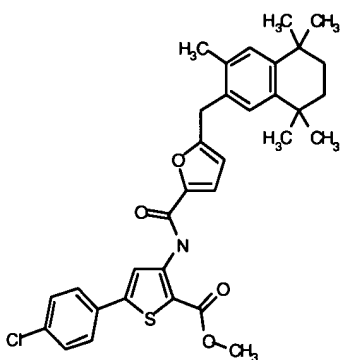
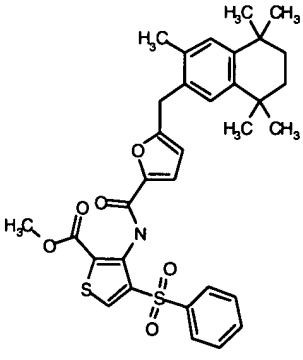
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	-1	17
	29	20

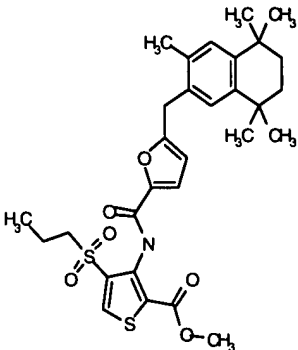
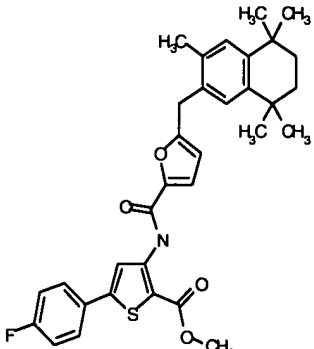
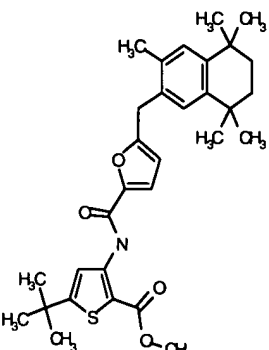
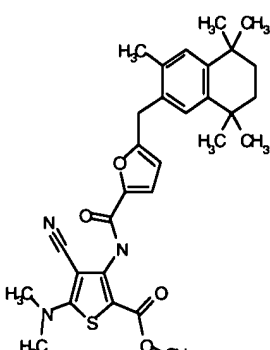
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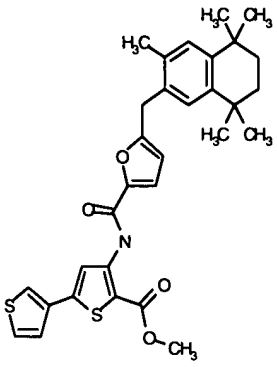
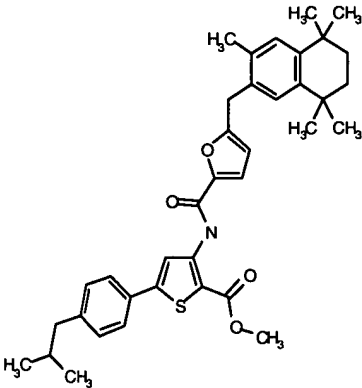
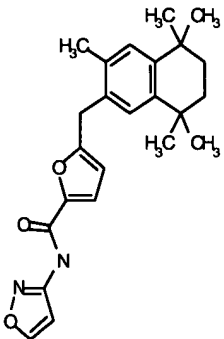
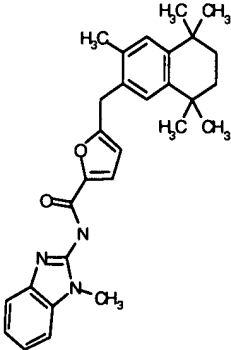
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	28	33

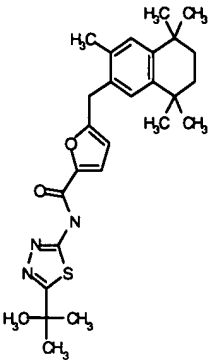
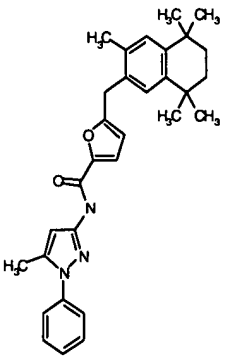
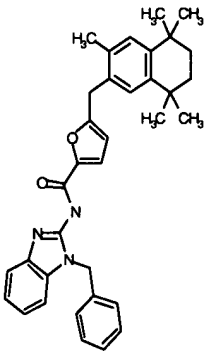
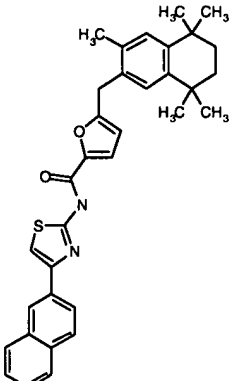
	38	37
	14	17
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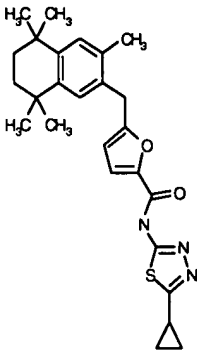
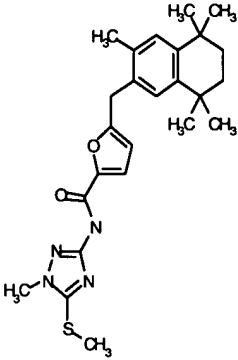
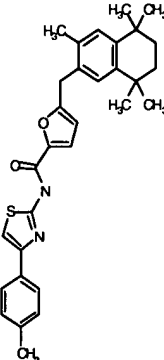
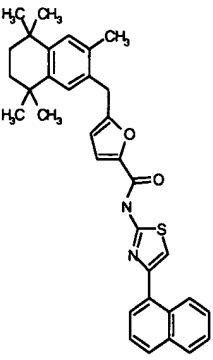
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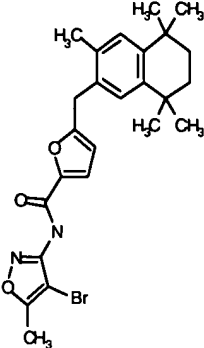
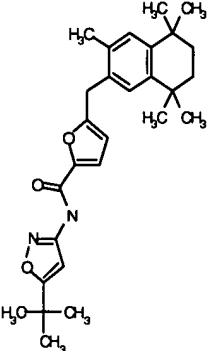
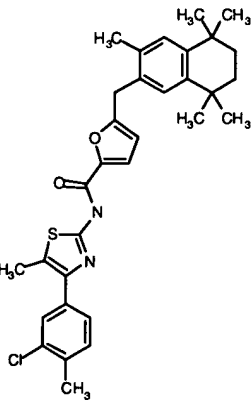
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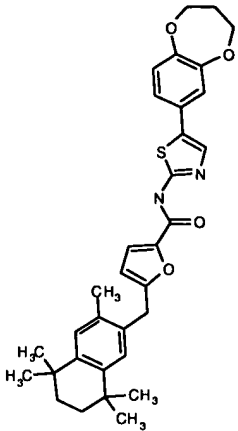
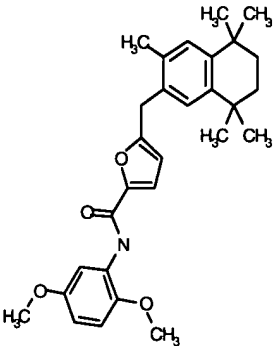
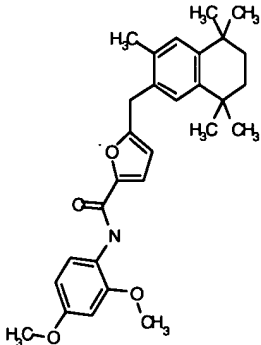
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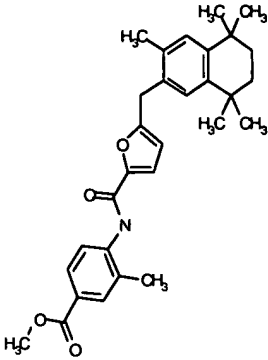
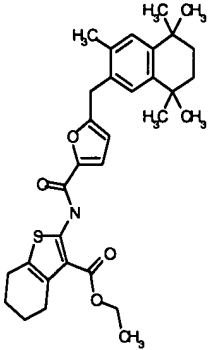
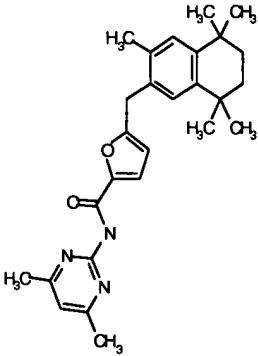
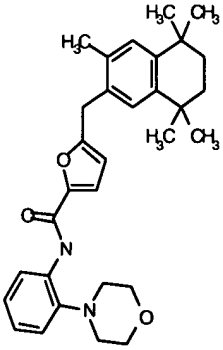
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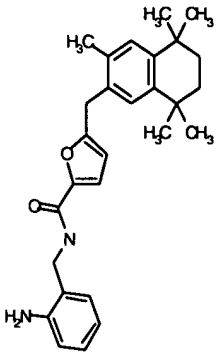
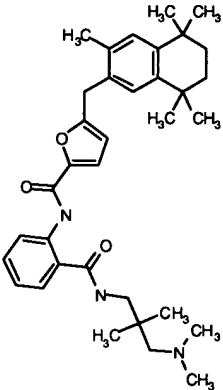
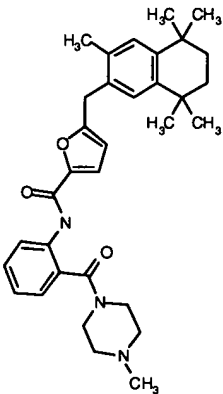
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	14	7

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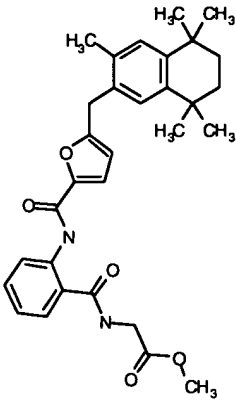
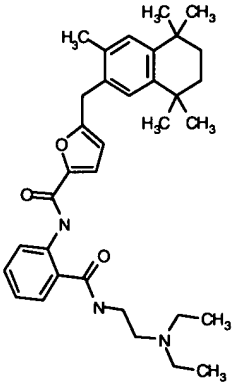
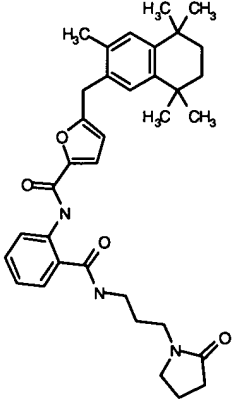
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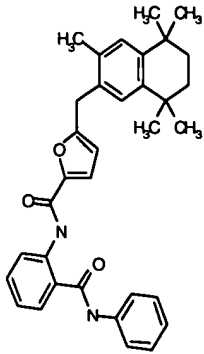
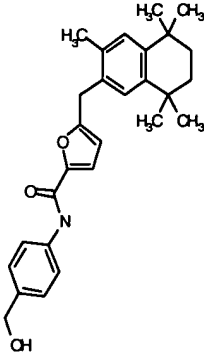
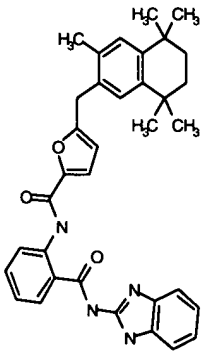
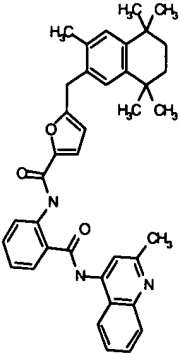


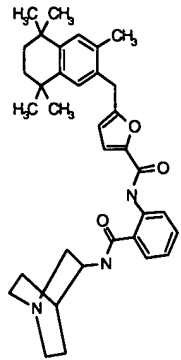
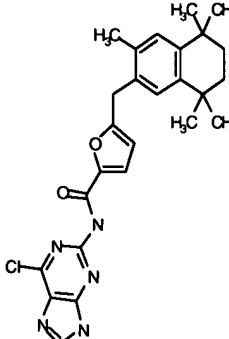
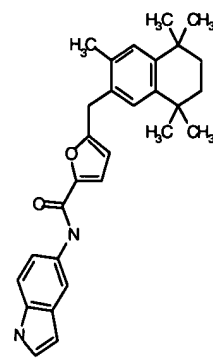
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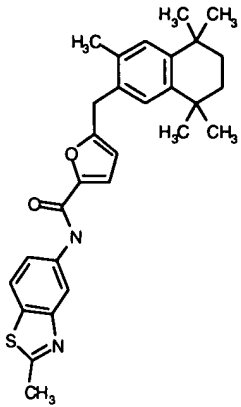
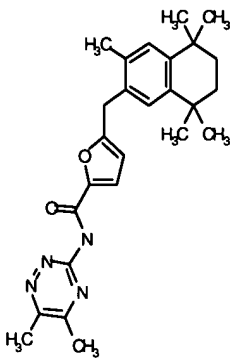
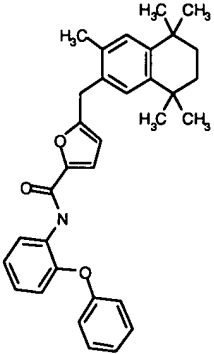
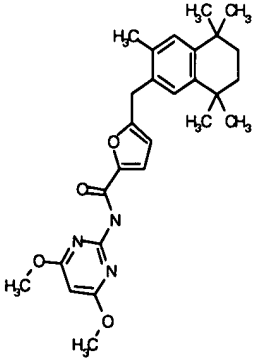


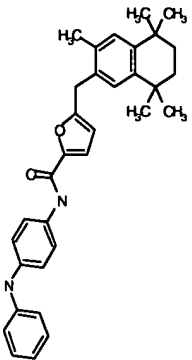
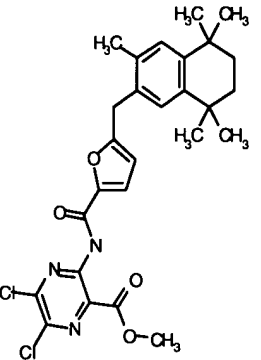
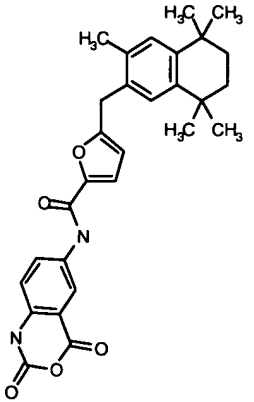
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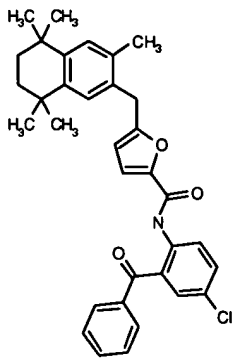
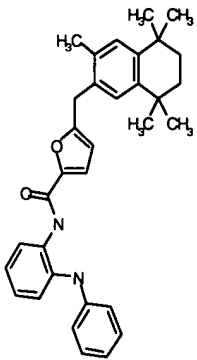
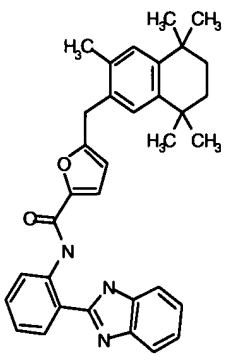
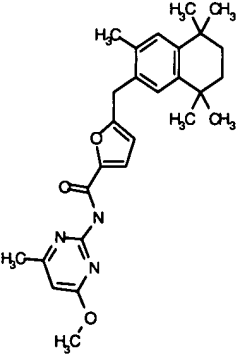
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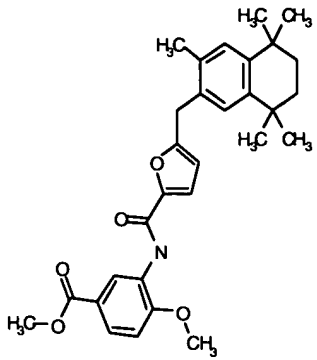
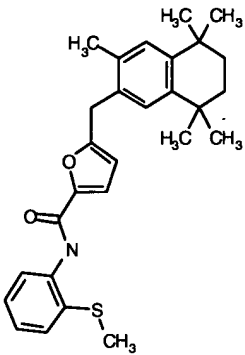
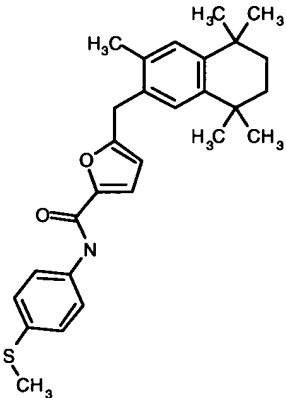
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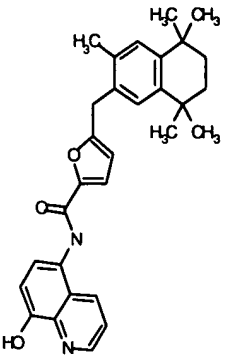
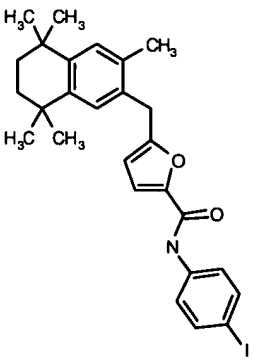
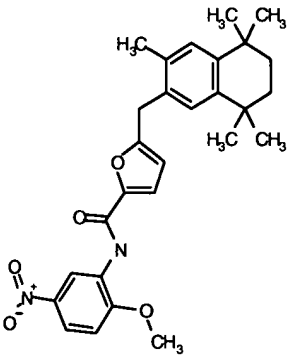
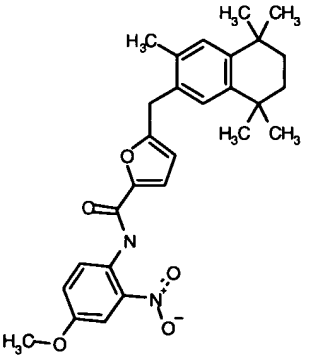
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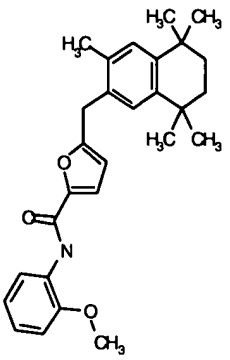
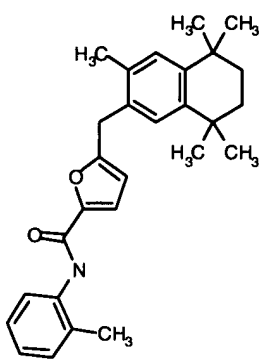
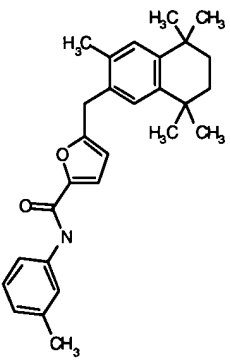
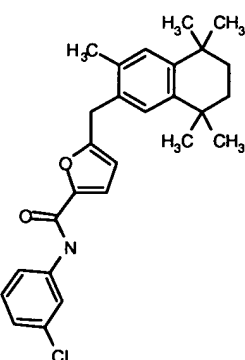
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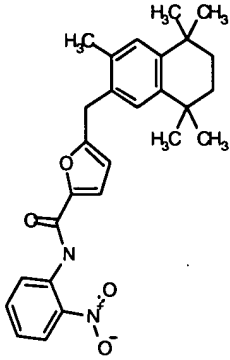
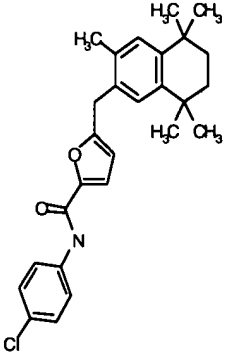
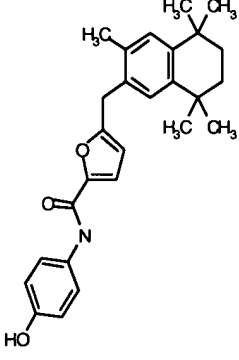
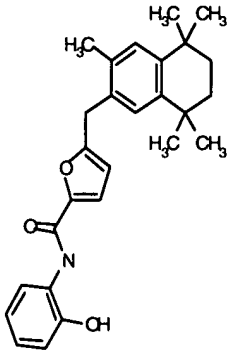
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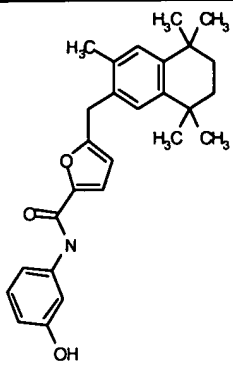
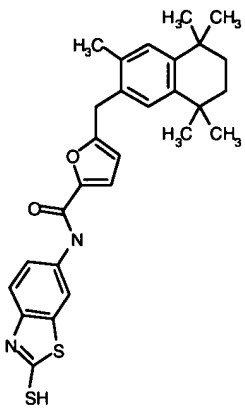
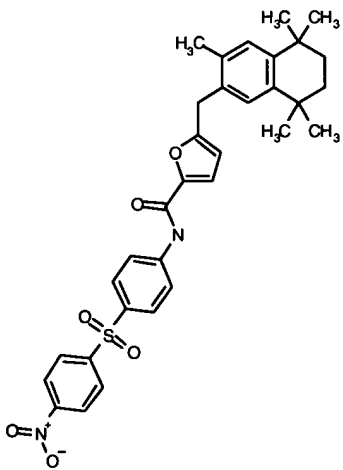
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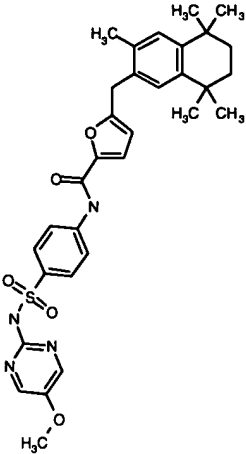
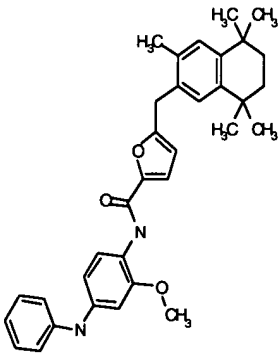
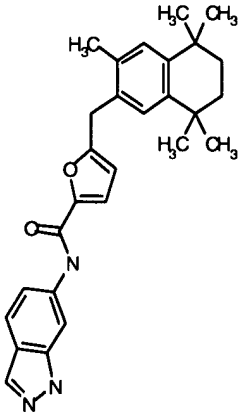
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	91	99
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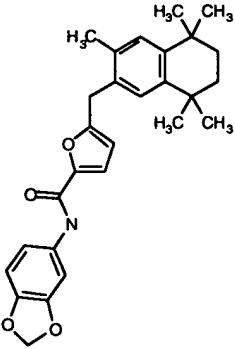
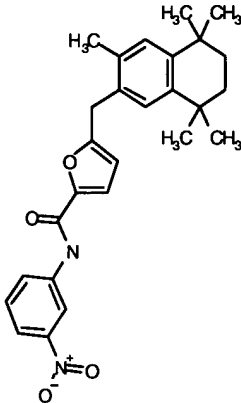
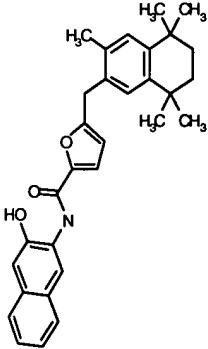
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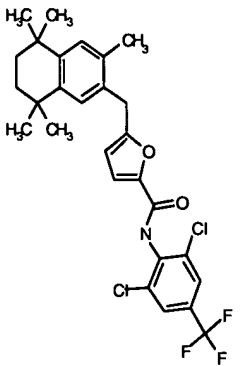
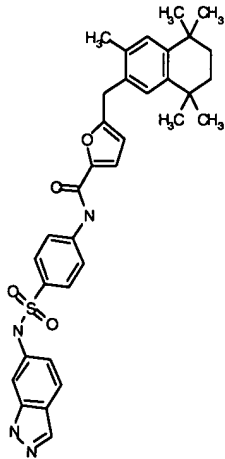
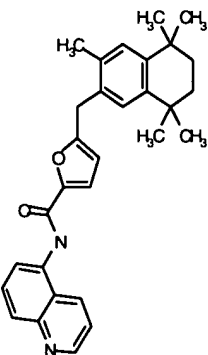
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	100	99
	68	90
	39	42

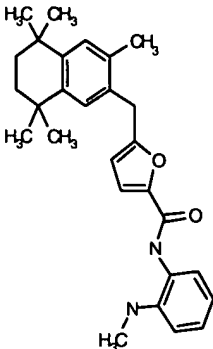
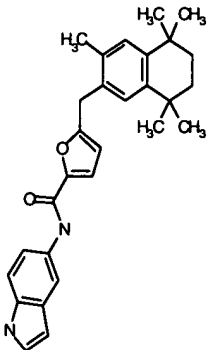
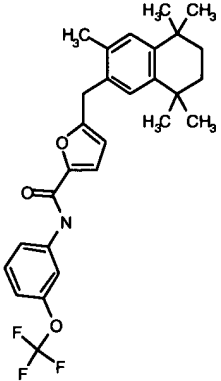
 <p>Chemical structure of a steroid derivative. The steroid core is substituted with a 2-nitrophenyl group via a linker consisting of a furan ring and a carbonyl group. The steroid has methyl groups at C-10, C-13, C-14, and C-15, and a methyl group at C-18.</p>	27	27
 <p>Chemical structure of a steroid derivative. The steroid core is substituted with a 4-chlorophenyl group via a linker consisting of a furan ring and a carbonyl group. The steroid has methyl groups at C-10, C-13, C-14, and C-15, and a methyl group at C-18.</p>	27	37
 <p>Chemical structure of a steroid derivative. The steroid core is substituted with a 4-hydroxyphenyl group via a linker consisting of a furan ring and a carbonyl group. The steroid has methyl groups at C-10, C-13, C-14, and C-15, and a methyl group at C-18.</p>	66	79
 <p>Chemical structure of a steroid derivative. The steroid core is substituted with a 2-hydroxyphenyl group via a linker consisting of a furan ring and a carbonyl group. The steroid has methyl groups at C-10, C-13, C-14, and C-15, and a methyl group at C-18.</p>	58	53

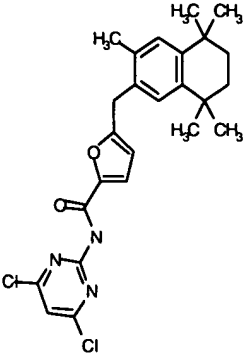
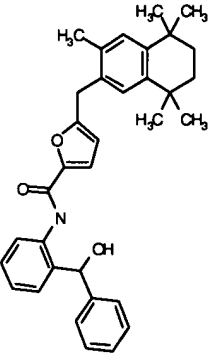
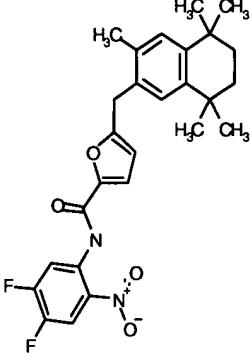
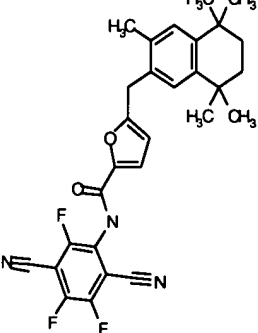
	62	59
	21	26
	20	37

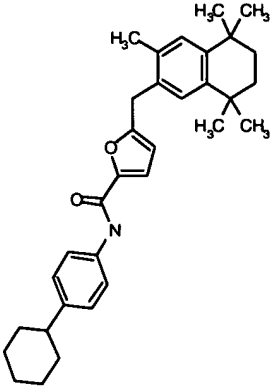
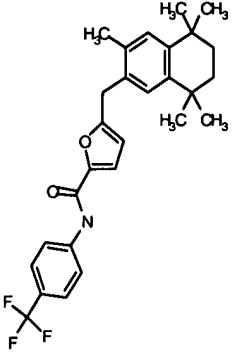
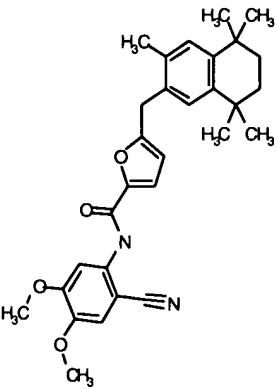
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	33	18
	52	55

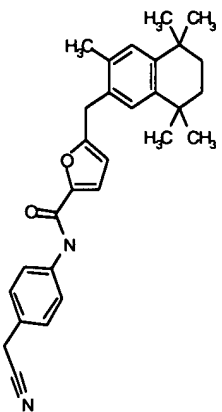
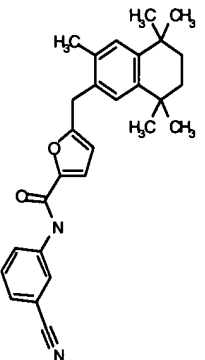
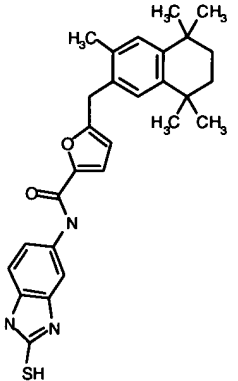
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	65	62
	-9	-27

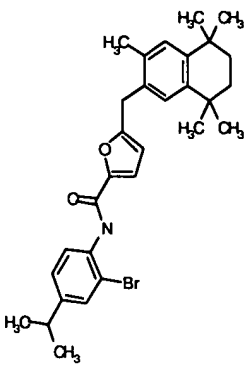
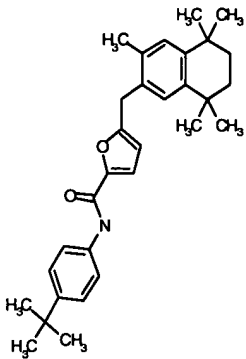
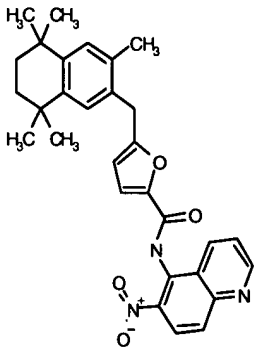
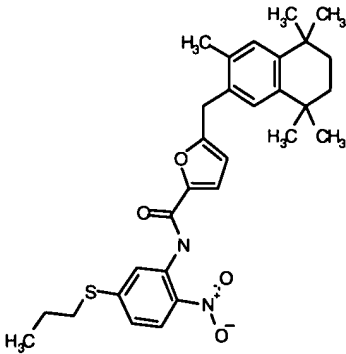
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	11	10
	113	115

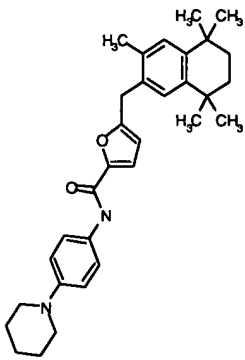
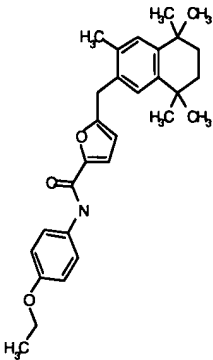
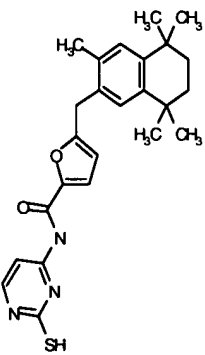
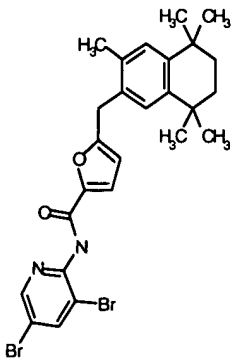
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	108	102
	45	46

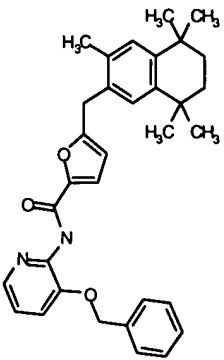
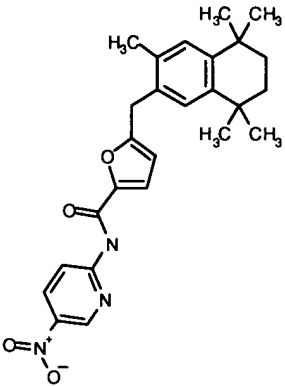
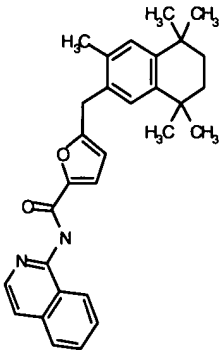
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	39	35
	31	27
	-45	-65

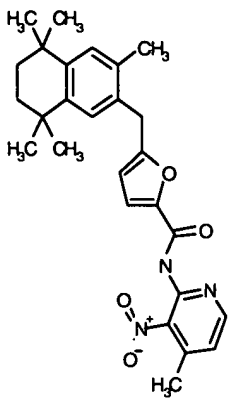
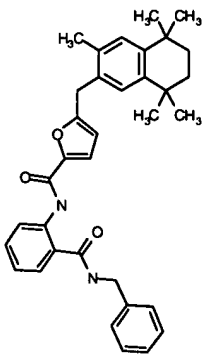
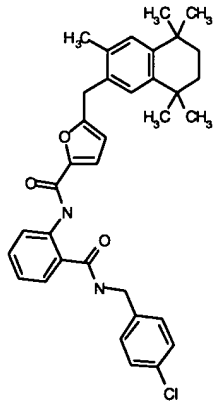
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	11	23
	61	74

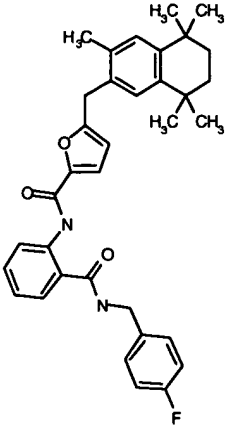
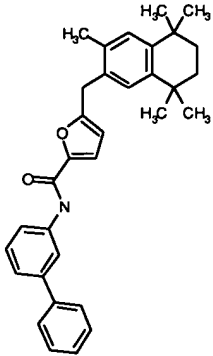
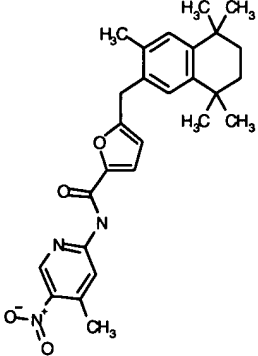
 <chem>CC1(C)C=CC(C2=CC(=CC=C2)C(=O)N2C(=CC=C2)C#N)CC3=CC=CC=C3C1(C)C</chem>	102	95
 <chem>CC1(C)C=CC(C2=CC(=CC=C2)C(=O)N2C(=CC=C2)C#N)CC3=CC=CC=C3C1(C)C</chem>	82	71
 <chem>CC1(C)C=CC(C2=CC(=CC=C2)C(=O)N2C3=CC=CC=C3N4C=NC=C4S2)CC3=CC=CC=C3C1(C)C</chem>	81	79

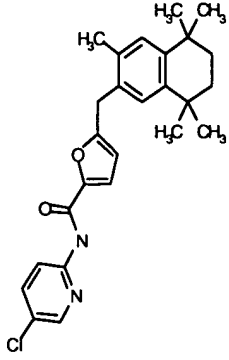
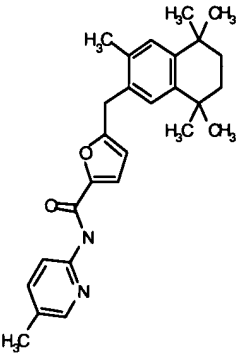
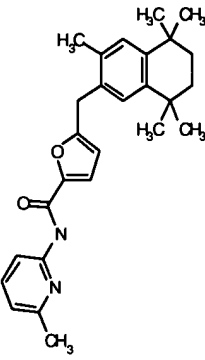
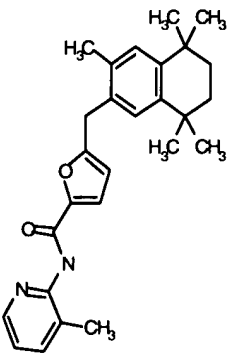
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	13	11
	29	31
	32	30

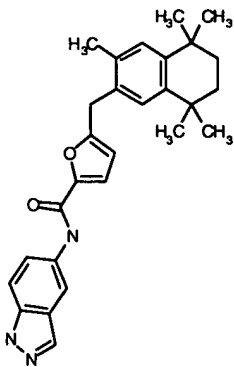
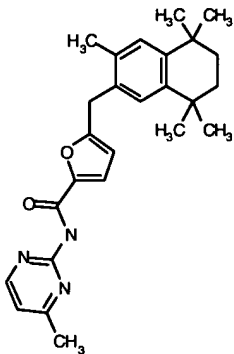
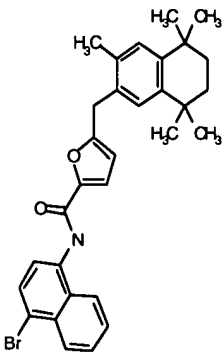
	31	36
	72	77
	22	7
	35	27

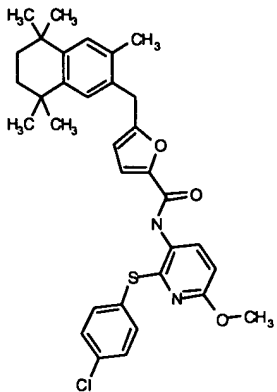
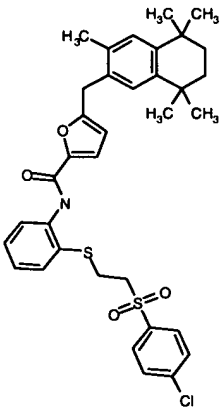
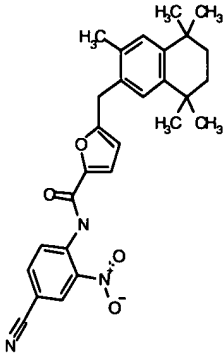
	37	38
	26	26
	81	86

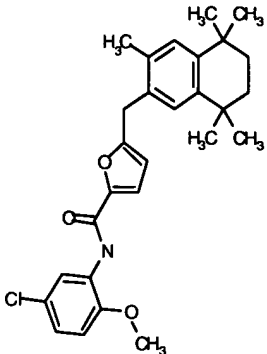
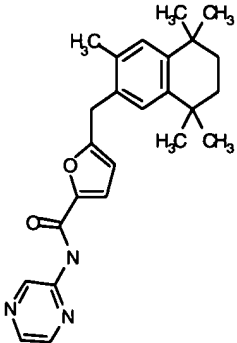
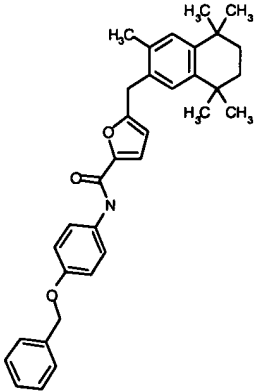
	38	27
	20	24
	22	6

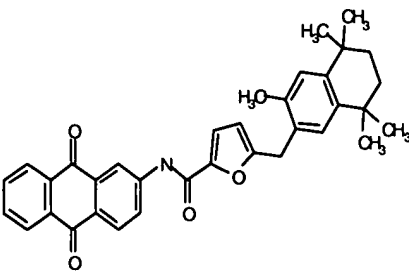
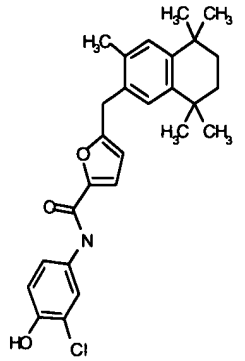
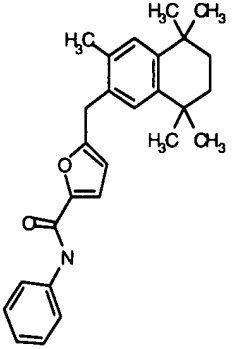
 <chem>CC1(C)C2=CC(=C(C=C2)C(C)=C1Cc1ccoc1C(=O)N(C(=O)c2ccccc2)N(Cc3ccc(F)cc3)C(=O)c4ccccc4)C</chem>	-1	12
 <chem>CC1(C)C2=CC(=C(C=C2)C(C)=C1Cc1ccoc1C(=O)N(C(=O)c2ccccc2)N(Cc3ccccc3)C(=O)c4ccccc4)C</chem>	35	25
 <chem>CC1(C)C2=CC(=C(C=C2)C(C)=C1Cc1ccoc1C(=O)N(C(=O)c2ccccc2)N(Cc3ccccc3)C(=O)c4ccccc4)C</chem>	2	7

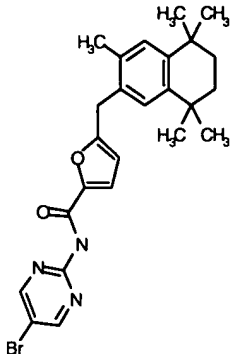
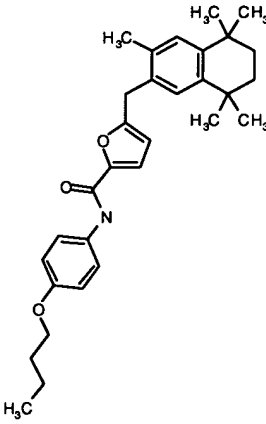
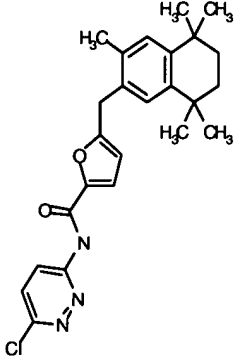
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	0	1
	19	34
	100	92

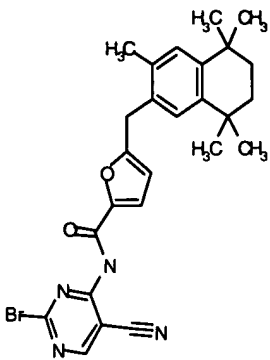
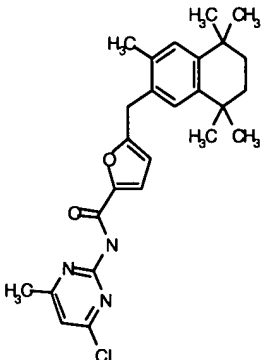
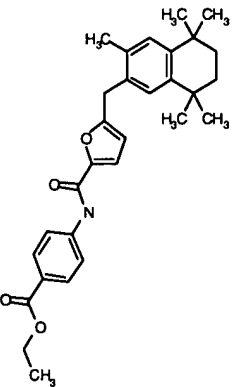
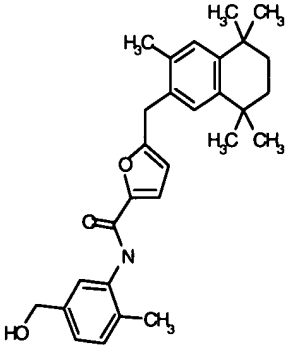
	101	86
	22	30
	62	79

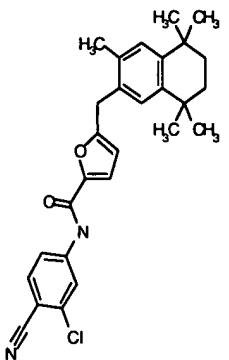
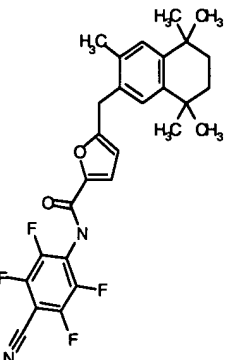
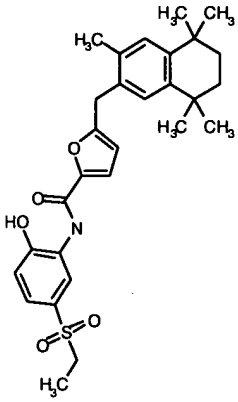
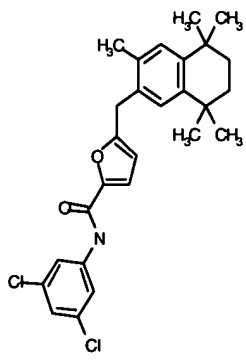
	48	57
	18	23
	22	26

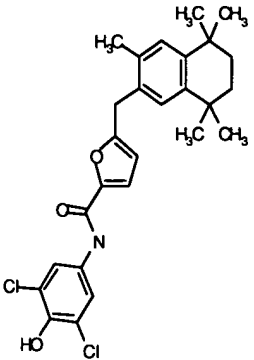
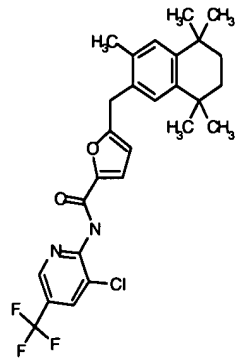
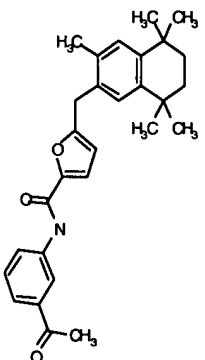
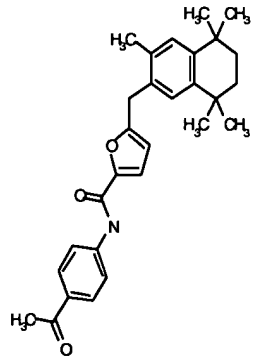
	25	9
	-19	-5
	1	11

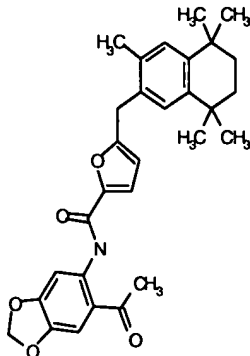
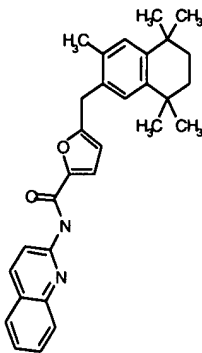
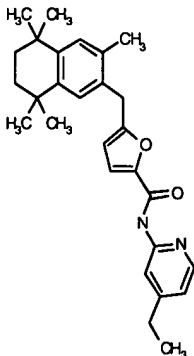
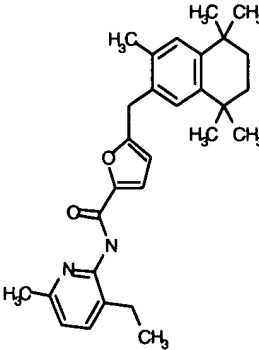
 <chem>CC1(C)C2=CC(OC)=C(C1CC2)C(=O)Nc3ccc4c3C(=O)c5ccccc45=O</chem>	14	14
 <chem>CC1(C)C2=CC=C(C1CC2)C(=O)Nc3ccc(Cl)c3</chem>	68	76
 <chem>CC1(C)C2=CC=C(C1CC2)C(=O)Nc3ccccc3</chem>	74	86

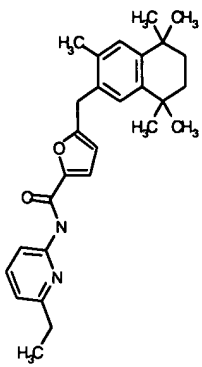
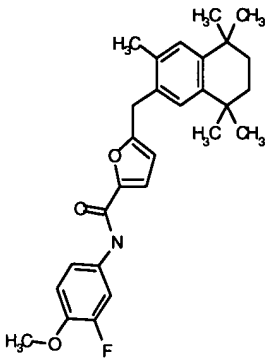
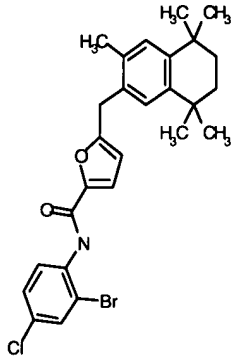
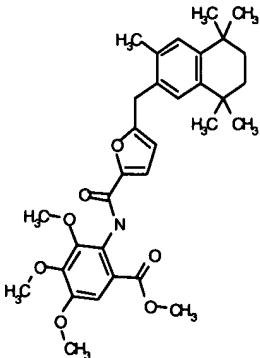
	21	23
	15	22
	24	25

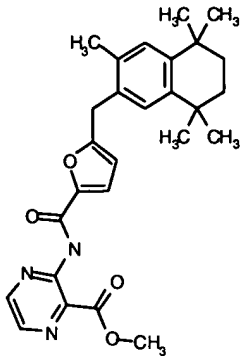
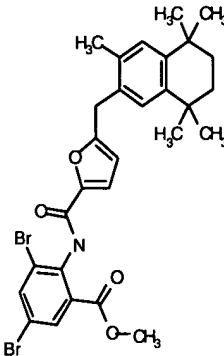
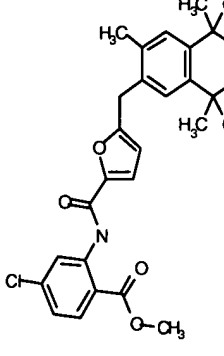
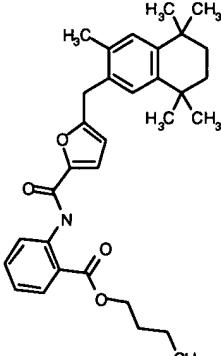
	12	9
	20	24
	21	9
	103	96

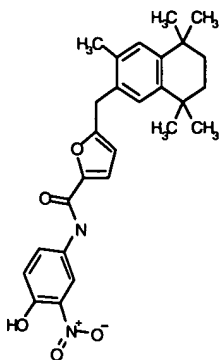
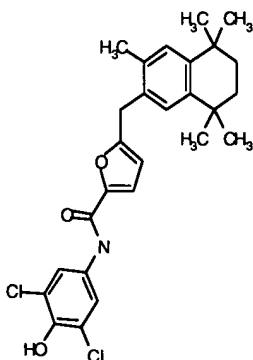
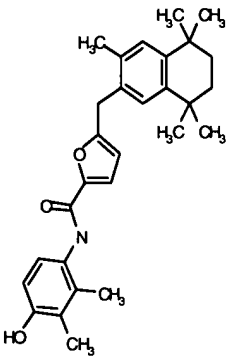
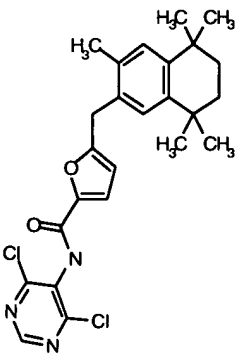
	19	23
	10	27
	34	36
	11	13

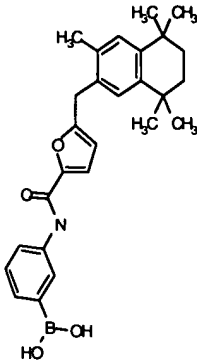
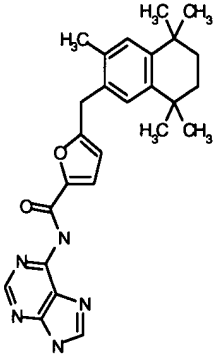
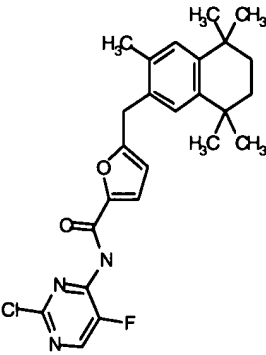
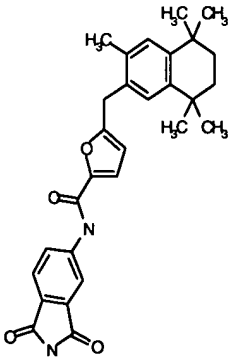
	1	8
	16	31
	101	101
	45	47

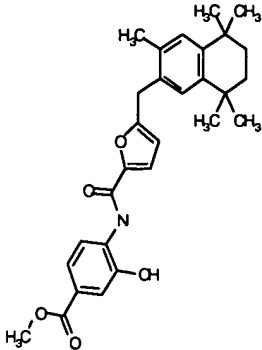
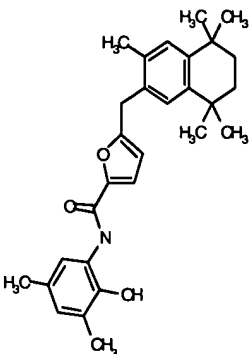
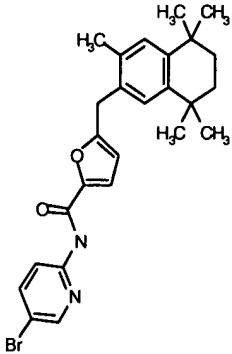
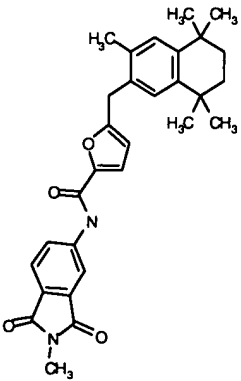
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	35	38
	10	20
	80	90

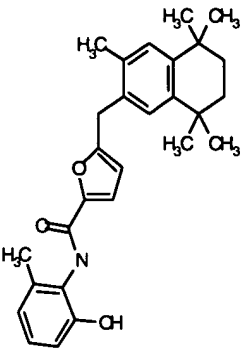
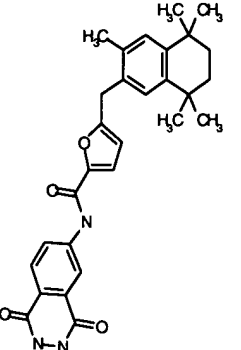
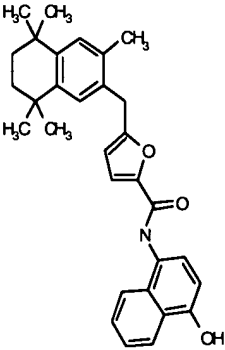
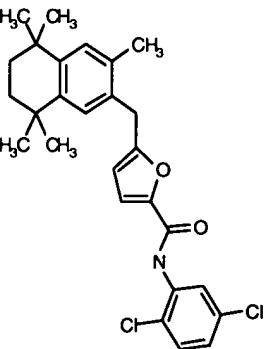
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	67	67
	31	34
	72	76

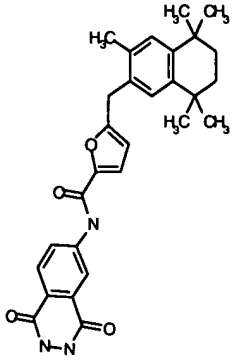
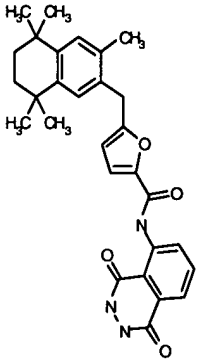
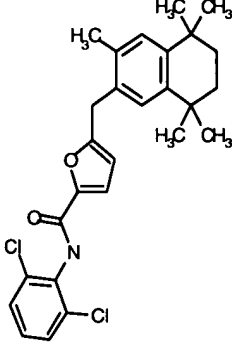
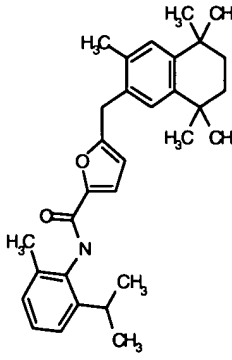
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	10	15
	14	17
	22	24

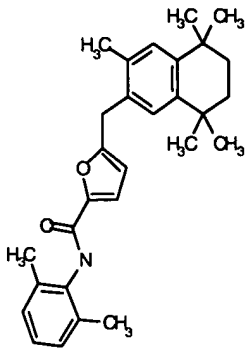
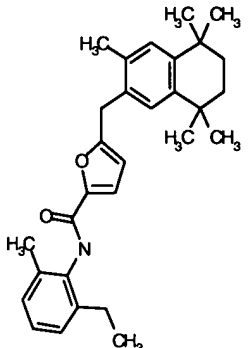
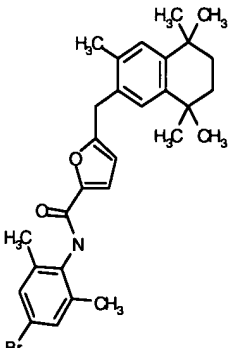
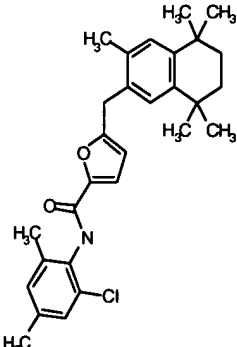
	44	47
	36	38
	50	52
	30	32

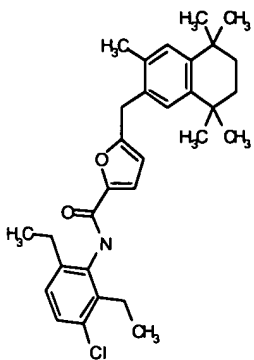
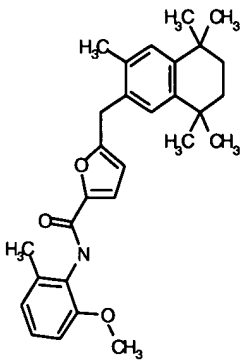
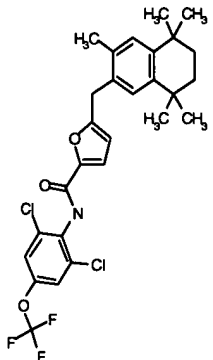
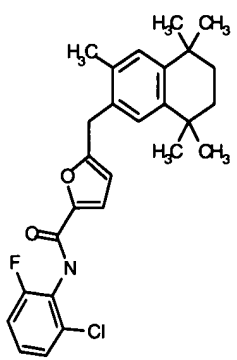
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	20	9
	15	20

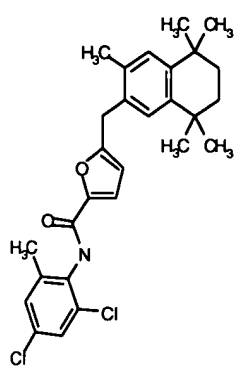
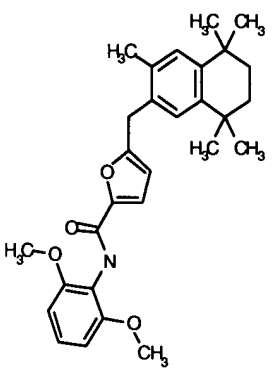
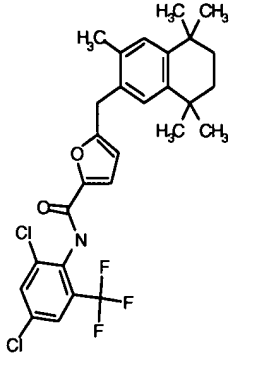
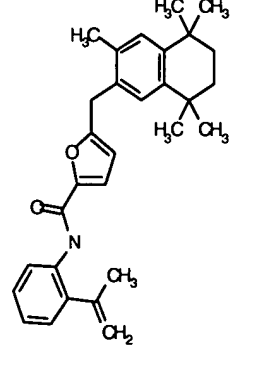
	55	58
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	12	15
	13	16

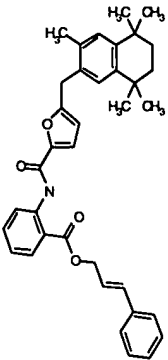
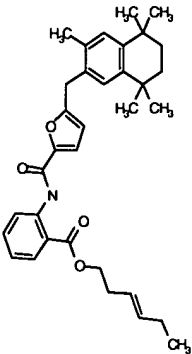
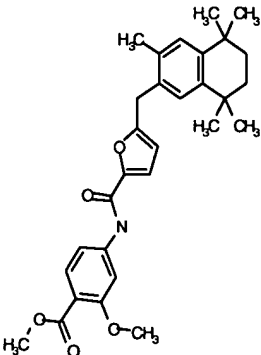
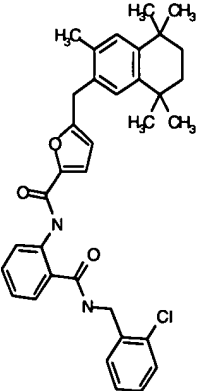
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	60	63
	-52	-56
	17	23

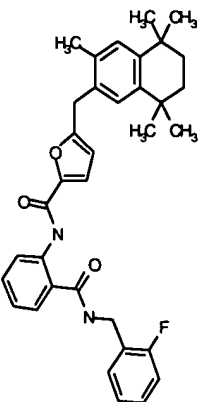
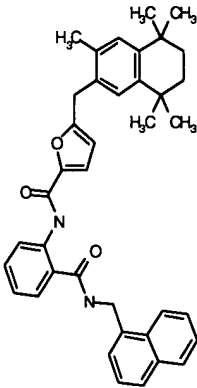
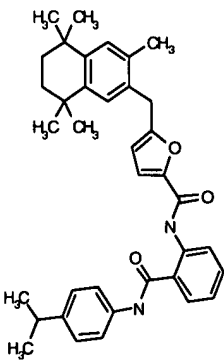
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	45	52
	19	6
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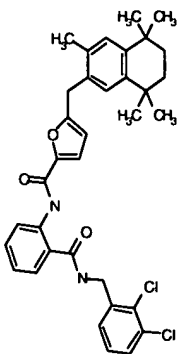
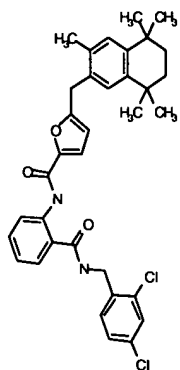
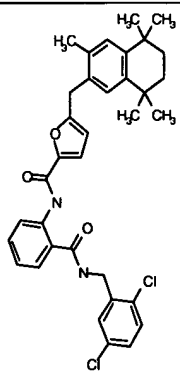
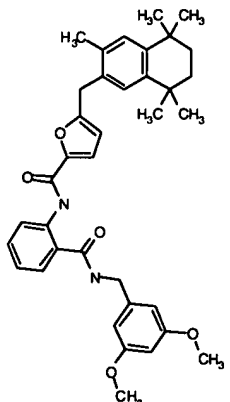
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	57	61
	-5	15
	24	33

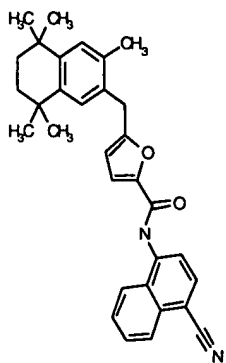
	25	30
	100	109
	31	33
	34	38

	20	24
	97	98
	58	63
	55	57

	30	36
	21	21
	87	89
	8	9

	8	9
	6	7
	17	26

	16	23
	43	48
	10	18
	14	4



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